

<213> Homo sapiens

<400> 35858

aaggTccctc ataaacagca gggTtgcgct tggaatcctg atctgtctct aactttctcat	60
ttgcagataa agaaactgag gccaaagtac acaactaatt tgccagcgta acagctggag	120
acttaaataga caccaagc	138

<210> 35859

<211> 292

<212> DNA

<213> Homo sapiens

<400> 35859

ttgtaacaaa cagtaccaat ttattttggc cgtggggttt tgcttttttt ccagttgatg	60
actttgtgaa cattcccagg tattggagcc tctgtggcct taaatgtggc tcagtggagg	120
gagaccagc atagccaggc cagtatggag cacctcacgc acagctctca gaagctgcag	180
gcggaagaa atctgaccaa agaggtgtgg tcgaggctcc tgaaagagaa agggcctgct	240
ggctctcatcc tctgcttctt ttgcctttac cctatacctc tctgcacgtc cc	292

<210> 35860

<211> 189

<212> DNA

<213> Homo sapiens

<400> 35860

agttcccaag taataagcct gggaatgttt tcagtgcagc agccgggaga agaaggggga	60
ttcagcagtt gctgttcaat gcatttactc tctacctgct ggcttcaaac agtattaact	120
ttatttgctc cttgtgcatt gtgtchnaat taaaagcagt tctcttcaca gaggcacttg	180
taggatttt	189

<210> 35861

<211> 141

<212> DNA

<213> Homo sapiens

<400> 35861

cttcttttcc tacatatctc ctcaattagc agtagctagt gtagttattt tgtggttatt	60
ttatttcatt ctctaggatc tattccatta aggatgcaag tgtgtagatg catatatatc	120
atttgcttct ttcttcgccc c	141

<210> 35862

<211> 80

<212> DNA

<213> Homo sapiens

<400> 35862

tggtttccaa tgcttcrgag acttcctgcc taggcctcat cctcctcttt gccagtcacc	60
tgattaacca attctccagc	80

<210> 35863

<211> 399

<212> DNA

<213> Homo sapiens

<400> 35863

gaatatagca	gcatgaaact	actggtgaaa	agccagagca	gaacgatgat	gacaccataa	60
aatctcagga	ggaagatcag	ccaatwawtt	attaaaaggv	aaagaggaag	acctcgcaaa	120
tacctgtag	aaacaacgtt	aaaaatgaac	gactccaaaa	cagatactgg	cattgtcact	180
gtaagtaatt	gcaaaacatg	acaatttcaa	atacttgctc	ttaacctgaa	aaacggtata	240
atgcaatatc	tagtattttg	aactttattt	tttttacttg	aaaagcbtta	aaagactgag	300
taaccattca	tatattttga	ttacyagtat	ctttgtgtaa	acagagttac	attagtkgtk	360
cttcattctg	attccattct	aattcaggag	tttgattat			399

<210> 35864

<211> 313

<212> DNA

<213> Homo sapiens

<400> 35864

cattctggtv	ttctgaacct	tgccatcatag	cttaaagtat	aaaaaagatt	caagagcagt	60
gaggtttgtt	ctttccagt	aatggtggac	tgagtgggag	gaggtggagg	gctaacaaga	120
ggaaagaact	acattcttca	gaatacagt	atgaaaattc	attttgaaac	tcaaatat	180
tcattttgga	tattctcctg	tttttattaa	accagtgatt	acacctggcc	atccctctaa	240
atgttctagg	aaggcatgtc	tattgtgatt	ttgatgaaga	cagaattatt	tttctctgta	300
gaaacacaga	tac					313

<210> 35865

<211> 418

<212> DNA

<213> Homo sapiens

<400> 35865

tcattgtctg	tcttagagtc	acttctattg	caactcattt	tctttttcca	gggcacagat	60
cgaccaagct	gcogttccct	attctgcagg	acaggactat	tctagcatac	ctgcttcgtc	120
cacccaggca	gggtttgggg	tggtctcttc	tgtgcctgca	gtccccattt	gacacttggt	180
tgccaccatc	tttgagatt	attgtttgga	atgatgcttc	cattggcttt	ttcttggtac	240
catggactag	gaagaaaaca	tggtttccaa	ataatctggg	agcttttggc	catggtgccg	300
ccttctgaa	ttggcagtgg	tcagagcaca	cctgaaccct	atcctgggct	ggtgatgagc	360
agaaatcaga	cctttttcta	tgcttttttg	aatatcagag	taggatgaac	accagacg	418

<210> 35866

<211> 181

<212> DNA

<213> Homo sapiens

<400> 35866

tttcctaggt	aagagcagat	acttactgta	aatcctgccc	ctagattaaa	caaccttggt	60
gttatcgtac	ttccattgtc	ctatacatcc	cttcggaatc	cccchttccc	tatggctctc	120
aagcccttgg	tctggggagt	aacagcatag	ggatcaacca	tctcgtcttg	ccactgccct	180
c						181

<210> 35867

<211> 187

<212> DNA

<213> Homo sapiens

<400> 35867

agagggattg	gcaagcttgc	gtgccccagc	gacacaggcc	tcgaggctgt	ctctgacaag	60
------------	------------	------------	------------	------------	------------	----

tgttcacagg aggtggggac gcctctgcgc gargaacgag gagctacggg cctgggcccg 120
gttattgcca tgggcagcgg ctgccgcac gaatgcata tcttcagcga gttccacccc 180
acgccga 187

<210> 35868
<211> 195
<212> DNA
<213> Homo sapiens

<400> 35868
agacactgag gatcaggcag agagagaggc tcctgccagg ctgagctttt ccggagtgtg 60
gatatgaaca gccgtcttgg gtcctgaggt ggaagccatg tgtggaagat ggagggcatc 120
ggttagaagg agtctagtcc ctgatggcca ctgagctgca gaaccagcct gggctgcttc 180
ctgctggatg tcaact 195

<210> 35869
<211> 142
<212> DNA
<213> Homo sapiens

<400> 35869
aacaaggatt tcaaagtagc tgctacaact atgttcaagg agatgaaaag aaaaaaagat 60
tgaaaaagaa tgaatatccc cagagatcta tgaacaatat aaaaaaacta tcataaacgg 120
aagtagagtc ccagcaggga aa 142

<210> 35870
<211> 85
<212> DNA
<213> Homo sapiens

<400> 35870
caccagcccg rcacccgtga aggatctgtg ctgagtakga tkagtaaaag aggaaggcct 60
ctgtctcctg ccttcccctg ggaac 85

<210> 35871
<211> 273
<212> DNA
<213> Homo sapiens

<400> 35871
gacggcgagc ggcgggcggc ggaggaggag acggcaggtc gggcattaaa aaatatttaa 60
tcattcatgt gttgagactc attcttgagt katggatgrc aaggcttctr ttggaaaaat 120
cagtgtctct tcagactcag tatctactct taatagtga gattttgtct tggtttccag 180
gcaaggagat gagacacat ctacaaataa tggaagtgat gatgagaaaa caggactcaa 240
gattgtaggg aatggaagtg aacagcagct aca 273

<210> 35872
<211> 416
<212> DNA
<213> Homo sapiens

<400> 35872
ccttgggctc caaattctag ctcataaaga tgcaagtktt gcaatttcct ataaatgggtt 60
aagaaaagag caagctgtcc agagagtga aagtttgaaa agagaggtgc ataagagaga 120

aatgatgtcc	atttgagccc	caccacggag	gttatgtggt	cccaaaagga	atgatggcca	180
agcaattaat	ttttcctcct	agttcttagc	ttgcttctgc	attgattggc	tttacacaac	240
tggcatttag	tctgcattac	acaaatagac	actaatat	ttggaacaag	cagcaaatg	300
agaactttat	ttggtgcagt	cagggctcca	tttagttccc	tcactctgct	tctaatacacc	360
ccttctccca	gccctcttct	atttgataga	ggtctgtccc	tcagatcagc	aatgtc	416

<210> 35873
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 35873	
gvaaaagcga	ccccacattc
aggtgcgtgg	agggaagcaa
acttttagtgt	cctgtgggcg
tcgtaagacc	tgctgagcct
gcttcccagg	tgattcaaac
gctgtttgcc	ttcagaagct
gcaaagaatg	tatgtt
	60
	120
	180
	240
	300
	360
	376

<210> 35874
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 35874	
tattaacata	cctctccatc
aatgtacasr	tatatgtgtg
ttacagaaaa	acaagtggat
	60
	120
	175

<210> 35875
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 35875	
caaagatcta	ttggaacaga
gcttcaactg	gaagtcaaga
aaac	
	60
	120
	124

<210> 35876
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 35876	
aggggcatga	tcagagtctc
agctgtcagt	ctttgagagc
atgtgtggtt	actgagatga
gtaaaagtac	aagaggagga
cataaatcac	accaca
	60
	120
	180
	240
	256

<210> 35877
 <211> 182

<212> DNA
<213> Homo sapiens

<400> 35877
aggcgttccg agcggcgggc gaggaagag aacatcacag aaaggtgaag aaatttgccc 60
taaatcataa aactttgtta gtggcagaac aaggatttga agctggcagt ctggttccag 120
agatgggggt ttactatgtt acccaggctg gtcttgaact tctgttctca agagaccac 180
ac 182

<210> 35878
<211> 183
<212> DNA
<213> Homo sapiens

<400> 35878
cttgagctgc tgaaatcccc aactgacagt gaggtcactg aggaagtata cagggtttttt 60
taaaaaatta tttttgaatg tgtgacttag rdaagaatta cgtgtgtgtg acaacttaac 120
cttagctctg gggtgaccct ggcactggat tagtttctgg tctgacttg taaccatgga 180
aca 183

<210> 35879
<211> 285
<212> DNA
<213> Homo sapiens

<400> 35879
aaatactgtg caggccatgc gtggtggctc aggctgttaa tcccagcact ttgggaggcc 60
gaggtgggca gatcacccga dgtcaggagt tgcagaccag ccttgccaac atagtgaac 120
cctgtctcta ctaaaaatac aaaaatttagc cgggcatggt ggcaggcacc tgtaatcca 180
gctactaggg aggcttttga acccaggagg cagaggttgc agcgagctga gatcgcgcca 240
ctgcactcca gcctgggtga tagagtgaga ttcagtctca aaaaa 285

<210> 35880
<211> 432
<212> DNA
<213> Homo sapiens

<400> 35880
attcaccacg gtgggaagga ttcctgctaa gcttccttgc ctctgtccag ctcccagggc 60
gtctgcctcc ctctgcccc caggagagac ttctgggtga gtctcgctgg cactcctgcc 120
ccgggcttcc tgctctcagg ccttggcctg ctgcacctg gccaaactgca ccaccggca 180
catcatagcc ccactcaggt cagagctgtg tctcagccga cgtgggggtc cgaggttctc 240
accaagatcc agactcaacg cttgtgggtt tgttgtctca gtctggcgg tggaggttct 300
cccaggcct cagcgctctt gttctcgga gtctctttac atgttagtgg aaccctctgt 360
tctgttgaa tcattcttcg tgttaaagt ttctatctct tgactgatac atgatagtca 420
tcattgtatg at 432

<210> 35881
<211> 365
<212> DNA
<213> Homo sapiens

<400> 35881
aaaaggaacc tttgaatccc aggctgtcgt gttctagagc atgactgtgt cagggagaat 60

gagcgccctgg	cattcataga	acacagtcct	ctctcaggcc	ctttcccggt	tgccatttca	120
tgacttgctg	tactgggtgg	ccttggagaa	gcagcagtc	atagatcggt	gttccacct	180
tgcagacagg	gagagtagag	cccagagatc	tctccaaacc	acactgctta	tttgtggcaa	240
agcattgtgg	cccctaata	gtttttaacc	accagaagaa	ataacatttc	ttaagactgt	300
tttttagaggt	aacagcagcc	ctttctgagg	aattagtttt	gaatttcacc	acaactggaa	360
ttaga						365

<210> 35882
 <211> 59
 <212> DNA
 <213> Homo sapiens

<400> 35882						
aratagtctt	acaaaagaca	atgtgcttka	tggtatacct	atagctttgg	tcccatctt	59

<210> 35883
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 35883						
tttttttaggc	agggataaa	tatgaagcat	ggttaagtat	tataatgata	aaattgtcag	60
agatgggaga	aatggaatct	catgaaaaac	aaaatctttg	cctgactgaa	ttagctatta	120
cagagatatt	aggagataaa	ccatcctaag	cctaggtggg	caggggacag	catctgatga	180
agcagctctt	ctgaagctta	tctgctcaca	catttttggtt	catactgctc	ttgcgtgaga	240
aaaaaagtgg	tgggagtgcc	agggcccagc	atattctgtg	tttttcagtt	cagacagcca	300
aattattagga	tctgattttc	ccctgcctaa	agttttatgt	gatttctggt	gtcttgtaca	360
atgtgtgcat	caagataaac	a				381

<210> 35884
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 35884						
attgagctgc	gacccttggt	caacgccgtt	ggcgaacagc	tgctggaggt	gccgagaatc	60
tgagtttcgg	caagcagcca	ggtctgga	ctaataat	aaaaatgact	acaccaaaca	120
agacacctcc	tggtgctgac	ccaagcagt	tggaaggac	tggaacagta	cgggaaattg	180
gtcacaagct	gtttggtcac	tctcatcttg	caaacaggat	ttggagtggg	tcagttacga	240
gatgacaatc	tagaaactta	ttggcaatca	gatggttccc	agcctcattt	agtgaacatc	300
caattcagaa	gaaaaacaac	agtgaagaca	ttatgtat	atgcagacta	caaactctgat	360
gaaagctata	ctccaagcaa	gatctca				387

<210> 35885
 <211> 215
 <212> DNA
 <213> Homo sapiens

<400> 35885						
ttagatttac	tgctttcaaa	aagtgcctat	tctgagcaac	ataaacgtta	ttccttacat	60
atgtatgtac	acacggtacc	cagagtcgta	ctgtgcagcc	ttcaaaarca	taccatcaga	120
aagagtaggt	gctgagataa	ggaaactttg	ccaaatgaaa	gaaagtcact	cacttccaat	180
atccccctctc	aagcggctac	cgtgaaacgg	caata			215

<210> 35886
<211> 216
<212> DNA
<213> Homo sapiens

<400> 35886
tgattaagaa aggaagtata ggctaggsac agtgggtcac acctgtaatc cttgcatttt 60
ggaaggctga ggcaggagga tcacttttagg cctgggtgtgt tcaagaccag cctgggtcaac 120
atagttagac actgtctcta ccaaaaaaag gaaggaaggg acacatatca aactgaaaca 180
aaattagaaa tgtaattatg ttctaagtgc ctccaa 216

<210> 35887
<211> 398
<212> DNA
<213> Homo sapiens

<400> 35887
acagaagcct cacatctctt ctgctgcata agggggaaca attaacttcc tgcagttgtg 60
agaaagttgg aaagaaggag aaagttagca ccctgtaaga taaacaaatt ctctgtgtaa 120
tcagagcctg gcagagcatt cttggctggc ttgggttttt gtgaggattc aatgaatata 180
catcaagccc ttcaagaact atgcgcasaa caatatgaga attcctccag caacatcagg 240
catcggttatt ttgagaccaa tcaatgatcc caataggctc cggctatgga cgtgtgtctg 300
agctccgngc asagcctggg cgccggcggg aaggactcag ctccccgggt ggctgggttag 360
aggctgagaa gaagggggct ccgcagaaaag ayagcacc 398

<210> 35888
<211> 79
<212> DNA
<213> Homo sapiens

<400> 35888
ccttctttgt attgtctgtt taaactataa tgtaacacct attttgtttt atgtatatat 60
atgaattttt tttttttt 79

<210> 35889
<211> 334
<212> DNA
<213> Homo sapiens

<400> 35889
tcagcgtacc taaacctttc taaaagtcaa aatacagcat cactttaatt agacttgact 60
agaaaaatac caaaaattat ckcatcktc aaataatagc ctgagtaagt atccctaacc 120
aaaatggcct aattaaatta ttttttttct ctttcttcat ttcatTTTTA ttatctatac 180
ttctagccac ttaattactg tgagtaattt caataacaac aaaatattaa caaaaggatc 240
agtcacttac gaccatgaat caactccatt aactgtacaa tgcaaccaca cctatagart 300
cttcacaaag aagcctgact tctttaccct caaa 334

<210> 35890
<211> 369
<212> DNA
<213> Homo sapiens

<400> 35890
aacatgtata gttttkttt taagacctct aatctcttta atctttttct taaccatagt 60

gagatagatc	ttttgcttga	agataacagg	aaaataaatc	taaactaaaa	cagaaatact	120
gctgaractt	caggtaattt	tgaaaagcac	aagagatatt	ctcaaaatat	taagaaaaag	180
gttgtaagat	taaagcttag	gattattatg	gtttttttgt	gtgcttggtt	ttaacagaat	240
gtataaratc	tcattctagc	aactcttata	tggttatcca	gagacatgtc	tgadacaatg	300
sttatcagat	acaagcatta	gcattccgga	tgrtgatgac	tgaagaactg	tttctttttc	360
ttccctttt						369

<210> 35891
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 35891	
cgagaagaac	aggatttttg
ttcaaagtcc	ttgagctaag
cttcccgaat	gtgtgttgcc
tgccagtgt	

<210> 35892
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 35892	
caatctccgc	cttccaaatt
tacaggcatg	caccaccatg
ccagggttgg	caggctggtc
caaagtgtct	aaattacggg
ggaaaactca	ccagagaagc

<210> 35893
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 35893	
agcctgttcc	taagagcggg
ctgccggggg	ctggcattct
aggaggcaca	gagtcttgct
a	

<210> 35894
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 35894	
aaaaaggatc	ttaaagagct
catgtctgta	acattttaaa
cttttgkat	ttataaagag

<210> 35895
 <211> 336
 <212> DNA

<213> Homo sapiens

<400> 35895

cstcttttcta	gcbgtccttt	tctagtgtgt	gctcactctt	cctaggaact	tttaagactt	60
cctggtacct	atgaacatgg	tctccctca	ccccaactct	aggtttccag	gcctcacagc	120
caagctgaag	cttgagaaa	actctgcatt	cccatgaggg	caaaggcagc	tgccctccct	180
gaccctatag	ccccaggcct	catggggggg	atgtggggaa	gggatggggg	atccccatgg	240
atgctgggat	gaggacagag	gaagacctga	tggggctctc	tattccaggg	aataagccaa	300
attaacacta	aaaacggatc	aaagctccca	cgccca			336

<210> 35896

<211> 111

<212> DNA

<213> Homo sapiens

<400> 35896

agcgggctgg	gggagggggg	gtcggcgcac	cgcgaggtcc	tgcgctccgt	gagcctggca	60
cccggagcag	ccgcctcccc	ctccccctgc	ctagaccgct	agaagcccc	t	111

<210> 35897

<211> 379

<212> DNA

<213> Homo sapiens

<400> 35897

ttactgcatt	gactggaaat	gggaggcact	tcacaattag	gaatattgtc	aggtcagcca	60
ggcgccgtgg	ggatgcttgt	agtccaagct	actcacaagg	ctgaggcagg	aggatcgctt	120
gagcctggga	gtttgaggct	gcagtgaagt	ccagcctggg	tgaaagagaa	gaccctatct	180
caaaaaataa	aaaattttta	aaacctgtca	agttagatgt	taaagaggmc	atgtaaaata	240
aaatctccct	aacatgttta	tgaaatagct	gcaaaaaggct	gagcgtgggt	gctcacgtct	300
gaaatcccag	cactttgtga	agccgaggtg	ggtggatcac	ctgaggtcaa	gagttagaga	360
ccagcctggc	caagatggt					379

<210> 35898

<211> 136

<212> DNA

<213> Homo sapiens

<400> 35898

ctattagtaa	ctgttttata	aatttgggag	ctccagtggt	agggtcataa	atgtttggga	60
ttgtgatatt	ttcctgttgg	acaaggtctt	ttagcattat	ataatgtcct	tctttgtctt	120
tttctttctt	ttcttt					136

<210> 35899

<211> 401

<212> DNA

<213> Homo sapiens

<400> 35899

cactcagggc	agccattcca	ttacagcatc	tcaaagattg	ccaggaagca	gatacaaaga	60
atcctaagta	gctgaagga	caacgttccc	actgaaaagg	tcaacttgac	ccttgagata	120
ttattttctac	ttttccaaca	atatcaactt	ggaatgagtt	ttaagtgaag	ctagtatttt	180
agacacccaa	tacaaagctg	ctgtttcatc	accatgaagt	tgggttaaag	agtttcttcg	240
actcccttcc	ccaaagctgt	ttgctttcac	ttgatgatgc	tttcacttga	tttgaatgta	300

tgccagaaat ggaagtttct atttcataag tacataagca tctgagattg tcaggcatga 360
tgtagccaca agacactgat gtagttaaag cggagaaact a 401

<210> 35900
<211> 201
<212> DNA
<213> Homo sapiens

<400> 35900
tcgtttctaataaaggtttctt tttctttttct atgatacaca cagccacgct gataaatatgc 60
aaatgaacat tttcctttat gtctctccag ataatgttta ttgtctgagg taaattaaat 120
tcccaccagg gtttgctgtc agtattttta caccacatt agtatatgcg tccagggtca 180
taaccccta aaatccatcg c 201

<210> 35901
<211> 75
<212> DNA
<213> Homo sapiens

<400> 35901
aaaattagcc taatatataa tagatatatt atgaagcaaa actttttattt ttgaaaaggc 60
agrataattt tcagt 75

<210> 35902
<211> 335
<212> DNA
<213> Homo sapiens

<400> 35902
aacagtccaa ctcttacgat atgttcatga gaggagaaga aatattgtca ggagctcaaa 60
gaatacatga tcctcaactg ctaacagaga gagctttaca tcatggaatt gatttgagaga 120
aaattaaggc ttacattgat tccttcgct ttggagcccc tcctcatgct ggtggaggca 180
ttggattgga acgagttact atgctgtttc tgggattgca taatgttcgt cagacctcca 240
tggtccctcg tgatcccaa cgactcactc cttaaattca cactttgcca cttaactcca 300
gtgtggatga cagagcgaga cctgcctca aaaaa 335

<210> 35903
<211> 339
<212> DNA
<213> Homo sapiens

<400> 35903
ttccaccgag aagatggcgt gtgtagtttg ctaataattg acctcgcat taagcaactt 60
tcagccctca tctgccaatt ctgctccttt gtaattatca tatatatattt acaatcagtg 120
gtaaggcttt catttccttc ctaagaataa ggtagggcat ttctgaagtg gttaggacaa 180
ttctcttgta gcaatagggg aaaaaaagaa caaaaaatgt aatatagcta catggagaga 240
tgtatgcctc tgagctcttt tcatttttagc agcttgagaa atattgctcc acattattgc 300
tcagacacac attctttcta aacgaagttt actgccatt 339

<210> 35904
<211> 369
<212> DNA
<213> Homo sapiens

<400> 35904
 ttagctggaa ctataagcat gcaccaccac ttctggataa ttaaaatata tatatTTTTg 60
 tagagatagg gtctcactgt gtttaaccagt ctggTTTcaa actcctggcc tcaagtgatc 120
 ctcccacctc tgcctcccaa aagtattgga attacaggcg tgagtcactg tgcctggcta 180
 tattctgggtt attgatcctt tgtcagatgg atactttgta aatattTTTT ctcattattt 240
 ggggttGtctt ttcattttgt tgattgtttc ctttgttgTg cacaaacttt ttttgctgtg 300
 gttgcctgtg cttttggggg attagtcaac aaatcagaaa tccttaccCa gtccaatgtc 360
 ctggagaga 369

<210> 35905
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 35905
 tagcatctat attccacact tagctTTTTt gtcacactta tcctttgtct ccgtaaattt 60
 cattttgcagt ggtagtcat cagatatttt agccacctac acaaaagcaa actgcatttt 120
 taaaaatctt tctgagatgg gagaaaatgt attctccttt cctataccgc tctcccaaca 180
 aaaaaacaac tagttagtTc tactaattag aaacttgctg tactttttct tttcttttag 240
 gggTcaagga ccctctttat agctaccatt tgcc 274

<210> 35906
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 35906
 aagtttatca tactagtTga tcctctgatc ttgaagttct tttggttaga aggaatttgg 60
 ttctgectcc accctccccc accttgatct actagcctcc caaagattta gtttgcttcg 120
 catgcctatt ttagttggaa tggcattagt ttggtagttt tgagcatgtc ttttaatttt 180
 tacttgcata atcctgattt cgatttcctt tctttcctcg atgtctgccc caccttgttt 240
 cgctcctcc attcatctcg acgccatggg tctgctgctc cataacaatg cattatgaac 300
 ctgcsactcc catatgca 318

<210> 35907
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 35907
 tggrtatTTT acaagtaaca atattaaaa cctaagtagt atagactatc gagggtgagg 60
 tggetgtaaa tgTTTattag caatccgcat atcttgTktc tacccktaat ttkgsttcat 120
 aaataaaagg atggaaattg acaaaaaggT gaagTcctta gggTTtataa tggatgattt 180
 tgtaaaacag gaatctTaaG acattctgcc tatcaaggct gaatgtacat acacttgaga 240
 atatatatat gatatgtata catattaata taatatataa twngtattaa rtaagtaaag 300
 ttttaaaact tgtccaagcg tagag 325

<210> 35908
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 35908
 atcaagcatt tttatactta tctctgccaa atactataag gtgttaaaat ttgaaatacg 60

ggttaaaaaag	aatgattttt	gcttgtgcaa	tcttkaatar	ataatacatt	gatattggtk	120
taatgaaaac	agctgcatct	tgaattttaat	aagattacta	taacttctaa	ttctgtggct	180
ttaggcggtc	tadtccacag	gcagtaaggt	ttgtttttgg	aatggactgt	katcatcttt	240
gtttcaaagc	taaaatatat	aataagtttc	ttccaaagtt	agtttggcct	atgatcatga	300
atgaacaagg	acagcttgaa	ggttggaagc	cagatgtctc	agttataatt	ttgcaat	357

<210> 35909

<211> 159

<212> DNA

<213> Homo sapiens

<400> 35909

gaaaaacatc	tcaccaacgg	cagacagcag	aaactaatgg	ttttcaactg	ttgctgatct	60
aatcaatcat	ggtgctataa	tataatcagt	tctgtgtgat	tcgtttgttg	ttctactgga	120
atgcattgta	ttcccttctt	atttttaagc	cccccgta			159

<210> 35910

<211> 266

<212> DNA

<213> Homo sapiens

<400> 35910

atatcatggc	tttggaatg	tgcatgccta	cttgaaaagc	ctgamacagg	aatttgamat	60
gcaagcataa	tatctgmaa	atttgctgcc	tgcttcttac	ttctcaaata	tytcttgtaa	120
aagtttccaa	tttyctcact	gamacctgag	ttaaaaatct	tgatgatcag	cctgtttcat	180
aagacactcc	aatcaagtta	atcttagcag	acatgtgttt	ctggagcatc	acagaaggta	240
tattgctagt	tacactttgc	cctcct				266

<210> 35911

<211> 209

<212> DNA

<213> Homo sapiens

<400> 35911

tacatagcac	atgactgggg	ggataaagca	tgtataagtt	gggagagggt	aaagaatgtg	60
tgactatgta	tacagaaaat	agactaaaat	gtgcagcaaa	atgatataka	ckgkaatctg	120
gtttttgaag	tatctactat	tctggaatat	tgtkaaacia	ctkttwgctt	ktgaaaaaaa	180
aaggkgcctt	gatkagttg	cgtgacaaa				209

<210> 35912

<211> 63

<212> DNA

<213> Homo sapiens

<400> 35912

catccaaaag	gtgctaggak	agatgkttct	atcaatgagk	ggtatgagkg	ctcctatgca	60
gga						63

<210> 35913

<211> 73

<212> DNA

<213> Homo sapiens

<400> 35913

tggttgaagt ttatctttta aaagagaagc taaattcgta ccttctgttg gctgctaagg 60
tatctgttgc tga 73

<210> 35914
<211> 336
<212> DNA
<213> Homo sapiens

<400> 35914
artcaggaat cccttcacgc tgacccccgc atgggcaaag gcttccckgg aatctccac 60
actgtctgcd ccckataaaa ggcaggcaga tgggccagag gagcagagag gctgagacca 120
accagaaaac caccacctct cagcctcaaag ctacacacctt cagcctccaa catgaaggtc 180
tcgcagcac ttctgtggct gctgckcata gcagctgcct tcagcccca ggggctcgt 240
gggccagctt ctgtcccaac cacctgctgc tttaacgtgg ccaatagnwa gataccctk 300
cagcgactag agagctacag gagaatcacc agtggc 336

<210> 35915
<211> 54
<212> DNA
<213> Homo sapiens

<400> 35915
cctttcggcc ggaaccgcca tcttccagca gcagcagtag ctatggcagt gaca 54

<210> 35916
<211> 66
<212> DNA
<213> Homo sapiens

<400> 35916
ctaattaatg aattgttaga aagtkaaata tatkagaatg aacttgtgaa ggcgataact 60
atagga 66

<210> 35917
<211> 66
<212> DNA
<213> Homo sapiens

<400> 35917
cttkttttca rgcgccckgg aagatggcgt acattcagac kkagcgtgcc taccaaatc 60
agccga 66

<210> 35918
<211> 404
<212> DNA
<213> Homo sapiens

<400> 35918
cacatatctt attcatcagg ccaaggagcg ggagctggaa ctgaagaaca cctggtcaga 60
gaacaagctc agccgccgctc agacccaagc caaatatgga ttctagggct ctggaactga 120
ttgtctccag gatctcctgc cagcccagct ggccctggccc ccagcttcrb ctctgggacc 180
ccagctgctc taagcccagg atctctttcc ccaaggaccc agccctcgcc tctgcgagaa 240
tgaacatatt tgatagattt ttcttaacaa gtagaaaaat tcagctcctt tctgtcctgg 300
agctagcaaa gacttgtgtg atgcctccga aggggctctg agttctgggg tgggagtttt 360

gctctctgdn aggtgtgaat aaaatgttga acccttccca ccac 404

<210> 35919
<211> 145
<212> DNA
<213> Homo sapiens

<400> 35919
ggcatggtgg tgtgtgcctg tagtcccagc tactcgggag gctgaggtag gtgaatcgct 60
ggaaccgagg aggcggaggt tgcagtgagc caagattgag cactgcact ccagcgtggc 120
gacagacaga agactccgct tctca 145

<210> 35920
<211> 242
<212> DNA
<213> Homo sapiens

<400> 35920
agaggtccgg gcaaagggtga ggagtggctt cctgatccta cctggaggcc gaggatgacc 60
aaatgacctg aaataaaaacc ctgggtgacc tgggttgatc aaggcatacg caagctcccc 120
cgggcctgct ccacactcgg ggtgatcacc tggcccgcgg gcggcccggg caaggaggaa 180
cgtctcgaga aggcagccgg ctgcgccggag tcggttcag cgtgttcgag ttacagctgc 240
ga 242

<210> 35921
<211> 91
<212> DNA
<213> Homo sapiens

<400> 35921
ttttttgcgt tctctttccc tctcccaaca tggcggcctc aggtgagcga gcagccgagc 60
gcggccaagg actgggctct gaaaccccc t 91

<210> 35922
<211> 311
<212> DNA
<213> Homo sapiens

<400> 35922
gatcacacca ctgtactcca gcctgggcca cagagcaaga ctctgtctca aaaaaataaa 60
taatactttt taaaataaaag taaaataaaag atttatgaca acttcgaatg gggctctggt 120
tgttacaggg ttgcaactgt cgggtcatga tgccagaagc ttacactctc attttccttt 180
gcagacacac aaactcgggc cacttctaag agtctcttac ctgttaggtc caaagaagtc 240
gatgtttcca aacagcttca ttcaggaggt ccagagaatg atgttacaaa aatcaccaaa 300
ctganncgag a 311

<210> 35923
<211> 308
<212> DNA
<213> Homo sapiens

<400> 35923
ctcaattata tgaatagaag tggagagcca gaatgctaca aaagaaatca cagctgctag 60
aagtatcctc catagaaaca tcaacatgat tgtggatcaa aatgattttc actggatatg 120

atttattgaa	tagggagtcc	tttccccagt	gcttggtgtt	ttcaactttt	tcaaagatta	180
gttggtggta	ggtgtgcacc	tttgtttctg	ggttttctga	cttgttctat	tgggtctatgc	240
atcagttttt	gtaccagtac	catgctgttt	tggttattgt	agccttgtag	tatagtttga	300
aatcaggtat	nbtgatgcct	ctggc				325

<210> 35929

<211> 359

<212> DNA

<213> Homo sapiens

<400> 35929

tgcacagact	tttctaattgt	taaggtaatc	agacctgcta	gtctattgct	ttgtgctttt	60
tagggtctaa	tttaagaaac	tatccttata	ctggagtcaa	agatttcttt	tataacctctt	120
tctaaagtta	tagagtttta	tacttcacat	ttaatttccc	tagaattgat	tttttttttc	180
atctgaataa	ccaattgggc	cagcatcatt	gaatggtttg	ttctttcccc	actgtgttag	240
gccattcttg	cattgctatg	aagaaatacc	caagactggg	taatttttaa	attggctcct	300
gattctgcag	gctantactg	gaagcatgaw	gctggcatct	gcttagcttc	tggggaggc	359

<210> 35930

<211> 61

<212> DNA

<213> Homo sapiens

<400> 35930

accacccagg	ctcccttgcc	tttggtctggg	tgcaacttcc	attttaggtg	ttggatctga	60
g						61

<210> 35931

<211> 322

<212> DNA

<213> Homo sapiens

<400> 35931

acatgggttt	ttctgcacat	ggactcataa	ccagcgggtgc	ttcgtttaagc	tccattctgg	60
actcagagga	atgctaagcc	tcttgaggtg	acggctctgga	gctcaccttg	tgattnkvng	120
tgttagtgcc	tctgggactt	gatattggtc	tctgccagag	agactgagtt	gccttctatc	180
ctctgtttct	tgtttccgct	taaatgaact	tttcaaaatg	taagccttac	catgtcatgc	240
tcctgtgtgc	ggcrsggtca	ctctgtgtag	aatgtcatcg	ctgctttatt	cccctktagc	300
agttaccccc	attcattctg	ta				322

<210> 35932

<211> 136

<212> DNA

<213> Homo sapiens

<400> 35932

gcgaacggcc	tgccggccga	cggctcccac	atcaggacga	gaaggagccc	tcgagttacc	60
gtgggagctg	tgggaktgct	cctgtgactc	ttaggaagat	gccgwaccct	tggswyccga	120
ggrmcgtgga	cgggkn					136

<210> 35933

<211> 177

<212> DNA

<213> Homo sapiens

<400> 35933
aaggacaggg ggagatgtaa taataggggtc aacaaatcag gccccttggtg gggctgagaa 60
ttgttgcttc aggatagcta gagaaagagc tgggaagggtg gtgtgggtggg acgctggmag 120
ttggtgtgtk ctggtttcgt gggrdagtggt aagtcactgg agtgatgggg smgbrat 177

<210> 35934
<211> 89
<212> DNA
<213> Homo sapiens

<400> 35934
atcacttcct tcagagtttg aaaaaaaaaa atctgggaag tagagggtgtt gtgctgagcg 60
gogctcggcg aactgtgtgg mccgtctgc 89

<210> 35935
<211> 132
<212> DNA
<213> Homo sapiens

<400> 35935
gatccactttt tttactccca tgtaagagtg agaacgtgca atatttgtct ttctgtgcct 60
ggcttatttta actgaatgtc ctctccaggt tgctgcagat gamaggattt cattcttttt 120
tatggctgaa ca 132

<210> 35936
<211> 245
<212> DNA
<213> Homo sapiens

<400> 35936
tcagttctttt acaaccgcat ggtaattaag cttgtattca caagacttca tgccaaattc 60
acttttttagc attatatcta acaaatacaag agaatcctta atattgctgc agttgagttt 120
aaaagtgggt taaaagtggc catttgacaa tctcatattt gttttctcta catggcttat 180
atgatgtgtg ctttctaggg aatgaaggga agtggtgata gagatcagca gcagcagggg 240
ctgca 245

<210> 35937
<211> 347
<212> DNA
<213> Homo sapiens

<400> 35937
tcagaaattg cggtttttgg tcaagtgttc tcaagaaaaa gatctcttgc ccattaagaa 60
gtgtatcaaa atctcataag gaatgaggga gagaaggggg ctgtagagtt tgaaaaagca 120
tattcaatat taaaatagtt ttatatgttg gaaggcaaaa atgaatctat tgttttgcaa 180
tataggttat aaacaggcaa aatgcaataa aatatatctc tggttgtatt agtctgtttt 240
cacgtgtctg ataaagacat acctgagacc aggaagaaaa agaggtttta ttggacttac 300
agttccacat ractggggag gctcagaatc atgggtgggag gcaaaaa 347

<210> 35938
<211> 281
<212> DNA
<213> Homo sapiens

<400> 35938
 cacaaaatta attttccaag taggatcctg aagggagcgc gastggcttc tctgtccttt 60
 ttgtcttcct ctaaccacgc ttccacctct ggaccgcatt gatctggagc acattgatcc 120
 cgsvcggcct ttgtgggtctt ggtagagga gtgawttttc tgttttcctc tgwctttttc 180
 atcaaatcgt tccgwgccm tgccttgcaa gctgaagcgt gtgagacggg agtcgcagtt 240
 gtattttgct ttttgatggc gttgctcatg gggaggtgat a 281

<210> 35939
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 35939
 ttgtttgggc ccaggagaca gattgcagtg agctatgatg gcaccactgc atggcagcct 60
 gggtgacaaa gggagactca gtctcaaaaa aaaaaaaaaa a 101

<210> 35940
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 35940
 gggcttttctt tcacagcact ggggtgaaggc agtctacttc aggagaagca atgtgattta 60
 ccaagactaa caaccggaga aaactgtatc actcagaatc tgagtgggtg cagagactat 120
 aactgccttg ttcgctgcta tatctgcaac gctaaaagta tactgtctgc cacatacaac 180
 tggagagcct gtatcactca gaatctgaga ggcagctcct gacttgaaaa tgatcattgt 240
 gtgtaatgta gatcgagtct tgctctgtca cccaggctgg agtgagtggt tgtgatgngc 300
 agcctcaaaa tcccggabna t 321

<210> 35941
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 35941
 aaccaatcaa ttacttagaa ctaggcaaaag atgaaagtat agccaactat tcttggtctat 60
 atatatatat tcaagtgggc cgggcgtgat ggctcacacc tgtaawtcca gsmactttgg 120
 gaggtcgmgg taggmagatc accgagccca agagttcaag acaatcctgg ccaacggcga 180
 aactctgtct ctacaaaaaa tatacaggsg tgttagcatg tgctgtaat cccagcttct 240
 tgggaagctg aggcacaaga attgcctgaa cccaggaggt ggaggttgca gtgagctngg 300
 mtccgcgcca tttgactcc agcc 324

<210> 35942
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 35942
 catgttctgt gtcacgtca ccttgatca tcccacagtg tgaagggatc tgtctttcaa 60
 ggtgcttcat gagtgatgct atgtgtgtga aggaacagag gcaaatcgca attccctgtt 120
 gatctggtgc tttgcacgac tcagggcgtg tgcaccttgc agccacccc tctccttgcc 180
 ctgggcatat catgtacaga aaaacagacc ttgactggct gcccaagagc ctctgttttt 240
 ttcttcccag tggcctgctg cctgcttaag agacagatac cccaactccg aaggcaagcc 300

cctcacctgc cattgccaac acctatgccc tctgagtgt ggtgaagagt tggtcagttt 360
 tgctactcag ctggcathra agcttgaagc ctctgtgccc tctgaggcta ttgcct 416

<210> 35943
 <211> 239
 <212> DNA
 <213> Homo sapiens

<400> 35943
 taaagtttaa gaagcatggt gacaggaaaa ctggcttagg ttgagattag ggtgcactga 60
 agaagtgtct cttttgttgg gggcattgtc actggctggt gatctctagc ttagccagca 120
 gaactccgta actcatacca cttctttgtc tttctcagca atcatgttcc acggaagagc 180
 cccaagtatt tggctttgtt taaaaattct gtgaggtaag aaaaaactta ttggcaagc 239

<210> 35944
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 35944
 tcagacaaga aactcagacc gggcagtccc ctattgaggc tctgagctaa tatcctccca 60
 aaatagacat gaaccacaag gagaattttt taaaagccaa atgataaaca ccactttctt 120
 tccgatgctg gggctggagc gctcattccc tttcccagga agctcagcct tatcccatg 180
 aagagctggg ggggta 197

<210> 35945
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 35945
 ttttctttct tggtagtagt tgagaggaag gagggtaggc gcaggacaga gaggagaggg 60
 aaaacagaaa aagaattgtg tgccactatg tctgaatata tcttctacyt gtwrgawaat 120
 taacatccaa gttgcccttt tgccttttta tttccgtttt tggacacctc tttttatcat 180
 ccagccaact ggaaact 197

<210> 35946
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 35946
 ctctctccctc ctctcttccn ycccttctct cctctctccc tccctcccag ctctgcacc 60
 aggaaacggc ccgatcccg gcagcggcct gacccggctc cagcctggg cccaggmnga 120
 tgaaaggccc cmagctggg gctccttgcc accagtgtg tgtcttaaga gctgccatcc 180
 cggctggccg cccgatggc gaccccagc tcggccccag acacacgggc tctggtggca 240
 gactttgtag gttataagct gaggcagaag ggttatgtct gt 282

<210> 35947
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 35947

aatagcctta aaatatgaaa caaatattag catttggttaa ttgagatgt tatgttcaca 60
gatattggta agattatcat ttttaattta tgtgtyttaa atttcctttt taaaaagatt 120
tcccctagaa acacgtaagg gagagta 147

<210> 35948
<211> 181
<212> DNA
<213> Homo sapiens

<400> 35948
catattgtat gattcctttt atctgaaatg tctagaatag gcaaattccat agagaaagaa 60
gattaattgt tacctaggat ggaaagggtt gaaggaatgg ggaatgattg ctaatggtaw 120
gagggtttgt gggggatgat gaaagtgttc taaagttgat tctggtaata attgcacaac 180
c 181

<210> 35949
<211> 68
<212> DNA
<213> Homo sapiens

<400> 35949
cattgtgaaa tgagtaccaa aatcaacctg acatatccat cacctcacct agttaccatt 60
tttttttt 68

<210> 35950
<211> 237
<212> DNA
<213> Homo sapiens

<400> 35950
gaaaagaaaa agagaratt ttacttcaga aacgtgaaat tgagtccaag ttgtttgggg 60
atccagatga gttccactt gctcacctct tggagccttt ccgacagtat tatctccaag 120
ccgagcactc cctgccagcg ctcatccaga tcaggcatga ttgggatcag tacctggtgc 180
catccgatca tcccaaaggc aacttcgttc cccaaggatg ggtccttccc ccgctct 237

<210> 35951
<211> 161
<212> DNA
<213> Homo sapiens

<400> 35951
caaccttgct aaactcatgt ataatagatg tttttagatg tacttaggat tttctatata 60
gatgattatg ttgtttgtga ataaagacag tattgcttct tcctttccac tctgwtgccc 120
yttttatttc attttcttgc cttattgctc tggckaggcg a 161

<210> 35952
<211> 181
<212> DNA
<213> Homo sapiens

<400> 35952
tatcatttat ggcattgtcc cttttgtttc tagactaggt tgtgggtttg cctaagttgt 60
gacccccccc caatatcaat tgcattgaat gaaatatgat atatttaccg tttgtgattt 120
tccatactca acacctgtgc caactctcct ccaagtagta ttccacttt tatgaccccc 180

t 181

<210> 35953
<211> 461
<212> DNA
<213> Homo sapiens

<400> 35953
cttttactct gtttataata tcaagtatct tcttaaagat atagatatta aaccttgtgc 60
tcatgcaact tagagtaaca tatacagaca aatgattgca tgaggccatg tttatatgtg 120
tgactaataa ggcttgtcat gatttammatt aatccaggta tgtcatttct gaagagaata 180
gtcrtcaaatt ttatatctcg aagatttttaa ttaaggaatt gcttattgtt gagcttagca 240
aattaataac actatttctg tcactaatta ttttgaggcc tkttagtact aaaattttta 300
cctgtgttct aagtagaaac tgatttaacc caagtaatgc agctttgatt gatttcagsa 360
ttcgttgctt tgctattttt acaaaaacag cattgattgr dgcaagtctt ggttttacta 420
aggtagggta gcatttgcta ttggtaaaag agaataaata c 461

<210> 35954
<211> 302
<212> DNA
<213> Homo sapiens

<400> 35954
tgaccttgta gcagttatct ttgttaaact ccttcatttc ttatttttaa taattaatta 60
attaatttag agacagggtc tcactatgtc acccaggctg tagtgacagt gtgcaatcat 120
ggctcactgt agccttgacc tcccaggctc aagcaatctt cctacctcag cctctcaggc 180
agctgggact acagaccac agcactacgc ctgacttatg attttatttt ttgtggagac 240
agggtcttac tatgttgtct gggcttgtct taaactcttg ggccttagcc taccaactag 300
ct 302

<210> 35955
<211> 194
<212> DNA
<213> Homo sapiens

<400> 35955
tactcataaa atatacttta attgggttca aagagagtta attttaaata taaaaatcaa 60
agagagtgcc agttgatgag tttccactcc tttctgtaaa tagcattaac tgttctagaa 120
acttcgaaat gttaaacyk gatartgcag gacagttaat tataacttaa aatatttata 180
gacacaggaa gccg 194

<210> 35956
<211> 340
<212> DNA
<213> Homo sapiens

<400> 35956
tatdsktaac tttttctttt ttgagacaga gttttgttct tgttgcccag gctggagtgc 60
agtgggtgcr tcttggtcga ctgcaacctc cgcttcccgg gttcgggtga ttctcctgcc 120
tcagcctcct gagtagctgg gattacgggt gccaccacc acgctggct agtttttgta 180
tttttggtag agacggggtt tcaccgtgtc ggccaggctg gtcttgaact cctgacctca 240
gggtgtcsac ccaccttggc ctcccagagt gctgggatta caggcctaag ccaccgcgca 300
ggcctatact taacttttca aagttcataa actactgcc 340

<210> 35957

<211> 350

<212> DNA

<213> Homo sapiens

<400> 35957

aattagttac	agagaggatt	gactcttgat	gctcagtggt	cagcaagtac	tttagtatct	60
aaagtgggcc	ttgcaaacaa	gaagtcacat	tggtcacatta	ggtttgtatt	ctctgtaata	120
atatgtgtac	tggtttttagt	ataaaaagtat	ttaagttgct	ttactggtga	atacaattga	180
cgttctacga	aaatgtgttt	attgtgggcc	ctcatttgta	ccagccctct	gtaaatatgc	240
atatcagctc	cataccccaa	ctggagaagc	cggggatagg	gtaggcacat	aacctgctgg	300
tgctgagaac	caccctccca	tgctttcctg	ctggctctgc	caaaccaccc		350

<210> 35958

<211> 246

<212> DNA

<213> Homo sapiens

<400> 35958

ctgatacttg	gttgggtctag	taattttctt	attaagtgtc	agacactatg	cacattatgt	60
tggtgggtgt	gtaggttttg	tgcatcttct	tagaatatct	ggctttcttt	aggcagataa	120
tttaaacaac	atgtgamtcc	agrtgatccc	ttwaaggctt	gtttttaagb	attgcttagg	180
ctagtctggg	gcacccctca	tgccagtgat	aatttggttt	tactaataat	ttacctaccc	240
caactc						246

<210> 35959

<211> 340

<212> DNA

<213> Homo sapiens

<400> 35959

tattttgaaa	ttaattctga	agttcctaaa	agtattacat	cctttggaca	tgacagtgtg	60
taagaacaga	cctaaatatc	cttttagtcct	tcgttaccaa	catattcaaa	ctatatctag	120
ctgatggcca	attaagaaat	tctttgatag	attctgatct	gttttacttt	tagcaaacag	180
atattttaca	aagattttta	aagctttta	tttctttttt	attgtctcat	gtaagagtca	240
tgtaagcccc	ttaactcaca	attaaatttt	tgtaagggat	gttggttgag	ttttttctct	300
ccttttaaaa	atgtttcatg	tatttttcta	agtctacaac			340

<210> 35960

<211> 151

<212> DNA

<213> Homo sapiens

<400> 35960

taatagttat	aaaaaaataa	aattgccttc	ttaaaccattt	tcaattgtac	ggctctagtga	60
tggttaagtat	atttacatta	tattgcaatg	gggtgtctaga	tttattttat	cttgtaaaat	120
acaataccca	atwaaaaatt	aaactgccca	t			151

<210> 35961

<211> 331

<212> DNA

<213> Homo sapiens

<400> 35961

ctcaaaggct	atctggatcc	agctgtaacc	aggaagaaat	tcagacggcg	tgttcaagaa	60
tctacacaag	tgctaagaga	actggaaatt	tctttaagaa	ctaaccacat	tggatgggtc	120
agagaatttc	tgaatgaaga	aaacaaaggt	cttgatgttc	tagtggaata	tctctaattt	180
gcacagtacg	cggttaacttt	tgactttgaa	agtgtggaga	gtactgtgga	gagctcgggtg	240
gacaaatcaa	agccctggag	taggtccatc	gaggacctgc	acagagggag	caacctgccc	300
tcacctgtgg	gcaacagtgt	ctcccgtctc	g			331

<210> 35962
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 35962						
tttctgtggt	gtttttctgt	tttcacttcc	attgattttt	tgtttttatw	atttcttctc	60
cttgctttgg	atataattta	ctctdgtttt	ttagtttctt	aaggtagaag	tca	113

<210> 35963
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 35963						
agagagaggg	agcttgtctt	gtccctgagc	agcgctctca	gggcagaggt	gaggcaccgg	60
gacatgaagt	tggaggacaa	gttcccaagc	agggcttcc	cgggctcccc	ctsrcgacgr	120
haatttgaca	cttgatctc	caggamgamc	ac			152

<210> 35964
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 35964						
catccccagg	agcactgtat	ctttgcattt	tactcttttg	gtttccttga	tactccactg	60
cttaaagaaa	ggcatctccc	caagcttctc	ttagatat	gtttcttacc	tacatacttt	120
cttaccawtc	ccaggcttca	acaatcatct	tgctgtgggt	aactcctgaa	aattacatct	180
gcaac						185

<210> 35965
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 35965						
cattcatttc	attccddtta	taacccttat	gcatgggata	aaaaatacta	tcacatgttt	60
aatttttcta	gttggttatt	tgagtcttga	aatgtccagt	ttggcagata	atcttgaact	120
gtccccctgg	gggccatctg	ctatgccctc	tgccctgaat	ttttcaggaa	ctgaaggggt	180
tccttaagtc	caaggaagdb	agtcctcttt	tataaatcag	gaggggacaa	aggacattct	240
aatcattctt	ttgttaccag	tgattctgtt	gctgcattgt	tgccactgag	actggtcctg	300
cagtctggaa	atgattgacc	tttgctacaa	ggatgctctt	actgattgag	atccctcagc	360
cttcatggtg	atccataggt	agacttcaaa	gttaggactt	tttttcagtt	cacataca	418

<210> 35966
 <211> 340
 <212> DNA

<213> Homo sapiens

<400> 35966

ctcaagaact	ctgttttaaaa	gccatgcccc	gcctctggga	ggcaggataa	catgcatttt	60
gtggaccaa	aagcctgggt	ttaatccaga	ctaccatcat	ttacttcctg	tgcaatattg	120
ggcaagagac	taagcccgat	gccaccctca	ctctgttaag	aagaagaact	gggtgtttaaa	180
cbmaagacat	ctatttttaga	ttccccactc	ttcaccacta	tcctgagcaa	aggdccaatg	240
gatctaaatt	atgtgggtag	cacagtcact	ggctgctcat	aacataacag	caatgaagat	300
gattatcttt	tgatgagatt	atgaagttga	tggtgatgat			340

<210> 35967

<211> 106

<212> DNA

<213> Homo sapiens

<400> 35967

attgctgaga	tgattvctgc	tttccggctc	cccgaacccc	gykgttcttt	agatccgctc	60
agcggcgctt	tttctgtgc	cacgtgcccc	gatctgagcg	aggctt		106

<210> 35968

<211> 173

<212> DNA

<213> Homo sapiens

<400> 35968

acacactcac	atacastcac	acacatagag	accaacagat	agacagcdac	ctaaagcctg	60
aaagactgac	agcaacacag	rraaaaagar	acmggcagav	agagagacrm	agacagaavt	120
agaadcagac	taacacacag	agtcaaaaat	acagmgacrg	amagacaggg	agc	173

<210> 35969

<211> 87

<212> DNA

<213> Homo sapiens

<400> 35969

aatctgtttc	tctttctaag	ctttttttct	ttcttccac	tttgagagcc	cccagtggta	60
ttagtaattt	tgagagagcc	ccagatg				87

<210> 35970

<211> 180

<212> DNA

<213> Homo sapiens

<400> 35970

cagataacgc	acacaataga	gaaaccctac	agttgcagtg	agtgtgggaa	agcatttctcc	60
cagaaattaa	aactcatcac	acatcagaga	gcgcacacag	gagagaaacc	ctatccatgt	120
agtcactgtg	gaaaagcctt	cttttggaag	tcgcagctga	ttactcatca	gaggaccac	180

<210> 35971

<211> 152

<212> DNA

<213> Homo sapiens

<400> 35971

accttgggga	ccttggacac	ggagctgggt	atgtcacatc	tggtcttcag	agctggggca	60
gcgtctagga	ggcctgatgt	agaaagcact	cagctaagcc	ctagttaccg	gcacacgggc	120
accagcgcmc	cctctcagca	aactccacga	ct			152

<210> 35972
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 35972						
cttagaagtt	actaatatac	aggcatccat	gtatttttct	ttataacttc	tgtagctctt	60
tcttgaatac	tggttagtta	gcaaaacccc	atctgaccc	tgatggcaca	gagctgtgct	120
tkaagttcta	taactaataa	tttttgttct	aagtgtggat	gccaadaaat	ggacatttca	180
tatggtactt	atactacata	atagtcttta	atttgatatt	agggttaattt	gtaacacatc	240
atttagacta	taaagtagga	t				261

<210> 35973
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 35973						
aaaaaaggta	atttarkaag	gaaataagat	aaataagcaa	aatttttaaaa	gggcatarat	60
actakaaaag	gggagtatgg	attattttta	agcaatgwaa	attatattca	ttgggagrac	120
cattataayc	aagtaaacad	atatgagaac	taataggtaa	ccacctaaaa	cataagaatt	180
taaaaagtag	aaactttttg	taaggaaaat	cacattcaca	gtagcaagah	taacacaaca	240
tatttgagat	tttattttwaa	aagaaatgtt	caggccaggc	atgttggtc	atgcccgtag	300
ttccaatcta	cttgggaggc	tgaggcagga	ggatmmcttg	agcccaagag	ttamaaggct	360
tcataagctg	tgattgtgca	attgcatt				388

<210> 35974
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 35974						
tatggtatgt	ttcattatca	aaaccatcta	tagcctccaa	aggatgacag	gtgttatagt	60
gtgagtggcg	tagaggggtg	tgagatagag	gaatgaaaag	agaagagayc	gtttcccttt	120
ccactcacca	ttcatagagg	aactaagttt	taccttctag	ggaattccct	gtaattccca	180
gggacgcctt	gtccttgcgg	ttcccaggca	ggatggtagg	aggagctaag	tgggagggaa	240
ttaatatattc	ttgagtgtcg	gctggtaagt	tggttgcttt	acctccactt	tnnnagagac	300
aggggtctctc	cgtgtcacc	aagatggagt	gcagtgggtg	gatcatagct	tactgcaacc	360
ttgaactcct	acctacacta	ttttactta				389

<210> 35975
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 35975						
agaattagaa	athtagtgct	atacacatac	tttagtgcct	aaagtcttcc	cagcagaatt	60
gagttattca	gtgggaaaaa	gatatttgcc	ttaaatctgt	ttcattaaac	taatactgat	120
tcctgccacc	cctccttata	ggatatttgg	gatataccag	tggcctttcc	ttgttgtgta	180
tggtgdtctt	tctgattgtg	gtgggtatga	tttttttttt	agaaaaaatt	ttttataagc	240

cctgccatgt cacttagttt aacacatgca aaataatata tttttaggtc atttgcaaga 300
aatttcaagg ttccgtgtcc tgtgga 326

<210> 35976
<211> 359
<212> DNA
<213> Homo sapiens

<400> 35976
gcgtacccag gcgtcctcgg taccacagaa acggatccaa agagtctcaa cactaatgta 60
acatcccacc ctgacccatc tttgccctct gagaaaagcg gcccgaaaat gagttgagtt 120
attcatcccc accgcggagt cagggacaag gagcagttga gtggccgagg agtgagagag 180
aatcgaatcc actcgggtcc tccaagctgt tggttaccca cttgggcttt cacagcaaag 240
ctgccaaatc ccagaattga ggctsstga aaagcgcgct gagacttggg taggaggccc 300
gntgggaccc gcgaagcttt ctctcccagc scgatgcagc amgttcatta agcggctgt 359

<210> 35977
<211> 222
<212> DNA
<213> Homo sapiens

<400> 35977
aagaaaaagc agaagcagct gaagcagcag aagaaaggct tgactgttgt aatgacgggt 60
gctcagattc catggttaggg cacaatgaag aggcattctg ccacaacggg gagaccaaga 120
ccccaggcc cagcagcgcc cggggcagta gtggaagcag aggtggtgga ggcagcagca 180
gcagcagcag cgagctttct accccagaga aacccccaca ct 222

<210> 35978
<211> 385
<212> DNA
<213> Homo sapiens

<400> 35978
tatcccatTTT aacctgatta ttttccaggt atgcttctca gagtgaagacc ctattcccat 60
caggttccat agtctgaaat cctcagcctt ccctctgaca ctactctttc cccttatttg 120
caatctaaaa aaaattgatt ttctgtctct cagatccatc catttcaact tcatctccat 180
ttccaccacc atagccnaag ttaccattta taattttctg gacgaatgtt gaataatttc 240
cattttgaca ttgccgtatg gttaatccct tgaatcctct tcccaccatg gctagagttc 300
tttacaact gcaagatctg acttctatcc caattctgac cctttatcct ccactgttaa 360
atccaatcat ggcttctctg tgctc 385

<210> 35979
<211> 308
<212> DNA
<213> Homo sapiens

<400> 35979
catatcagag tgttcaaatt agtgataatc taactttttg cacgtaagag tcaagttctgg 60
aataacaaaa acatttagag tctgcatttg gattgaaatt ctgaaattac tgaatttcag 120
ggagaaaaatg tatacactct tacaatttaa attacgtact ctcttgaatg ccagtgaaga 180
aagttttcac agctttttta ctgggcataat tggagttggc aacatagtaa cagctttcta 240
attgttcatg tccgtaatta aattattggc tttattttga agctggcagc ataaatctgg 300
gacctggm 308

<210> 35980

<211> 228

<212> DNA

<213> Homo sapiens

<400> 35980

ttgtctaata tcttttctcc tcattttctc catcactgcc ctcttttgtg ttaagctgac	60
tttatttttt ttagcaaaa catttgcttc cttcttatt tcttttgtg tattttaaaa	120
aaaattattt tctggctggg catggtacct cactcataat cccaacactt ttaggaggc	180
tgaggtagga ggatcacctg agcccaggag tctgagatca gtctggac	228

<210> 35981

<211> 97

<212> DNA

<213> Homo sapiens

<400> 35981

caaaataaat tggcckkgcg tgggtggtgca tgctgtgat cccagctgct cgggaggctg	60
rggykggagg gtcgcttgaa cccgggaggc agaggtt	97

<210> 35982

<211> 86

<212> DNA

<213> Homo sapiens

<400> 35982

aagcacaaag gaatgaactt attaatatatt ttgaaaaatg cactgggaaa aagttgrwgg	60
tcaataacag ttkaaaacag cccrrs	86

<210> 35983

<211> 341

<212> DNA

<213> Homo sapiens

<400> 35983

cagaatacaa tccatgtggg aagtatatgg taaaacttca cctcaatggk gtccaagaa	60
aggwgataat tgatgaccag ttacctgttg atsrcaaggg akaattgdct tctgktctta	120
tkccaacaac aaaagtgaat tatgggtttc tctcatagaa aaagcatwya tgaaagtcac	180
gggaggatat gatcttccag gatccaactc caatatgat cttcatgcac tgactggctg	240
gataccagaa agaattgcta tgcattcaga tagccardrc ttkcagtaag gataattctt	300
tcagaatgct ttatcaaaga tttcacaaag gagatgtcct c	341

<210> 35984

<211> 358

<212> DNA

<213> Homo sapiens

<400> 35984

actatcactc ccccatstca gatatcccc cwaatcctgg ataccatttg ttgaaagatg	60
ttattactct agctgaactt acaagagact ttagaccagg gatctaaatt acagtggcct	120
tagtgacctt gtcmttatac thcttdaggw vcaagctrge gaagccactg ggacttagag	180
cctttaaaag gagattaact gtcccaaaaag gatctttgct actgaccagc agacacttct	240
tccttcagta gcctttcata ctgtgttgag taacacccta ggggtgtccat taaagttttg	300
agttttacct agagcccaga gcyatgaatc aggattctgt ctacatgatt cgtgtttt	358

<210> 35985
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 35985
 attttctaga taaggcactg ggggctccgc gaggggatgt ggcggactgg agcccagctg 60
 cactcctgac gggactgaat gcggggctga gggaggcaac aggaagaatg agtattttct 120
 ttactggaag ggscakcag 139

<210> 35986
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 35986
 caatcactgt tgaactataa aagagcaatt tcagaatgtg atgaggtatg agatagtttc 60
 caagaggata gggagtcaat aaatgaagaa gaaatggaaa caggcagttt tccgctgcta 120
 aaaaaaagaw aaagaaagna agamhaagga ttccaaagat aaytcagagg cacacacttc 180

<210> 35987
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 35987
 tccatattta tacttcactc ttatgtataa ctccgtaagt aacagagcat agtggttttc 60
 atattttaaa actttatata ataatgtaac cctatatgta tccttatgca acttgattta 120
 atttttgacc atttttttta aaataaaaaa ttvvgttttw acccatgtta aaagtattca 180
 gttcagtggt atcatgtaca ttcatattat atgcaactat taccaccatc catctccaga 240
 gctgtttcat ctccccattg tttcccccaa actatgaaac ttcataccca ttaaatagta 300
 gcctccctct ac 312

<210> 35988
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 35988
 aagactgtgg gcatgggtggc tggagatgag gagacctatg aggtatttgc tgacctgttt 60
 gacctgtga tccaagagcg acacaatgga tatgaccccc ggacaatgaa gcacaccacg 120
 gatctagatg ccagtaaaat cagamctggc cgaagcatcc gaaggactca gtctgcctcc 180
 agcttgact cgagcagagc gacgagaggt ggaacgtgtt gtggtggatg cactgagtgg 240
 cctgaagggt gacctggctg gacgtc 266

<210> 35989
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 35989
 caaagttaac agctatcggg agcaggactg actaatgaaa ttctaactctg ggttgttatg 60
 tgaagttggg aagatagcaa atgaagcggg tttgcctaca cacgtaaaag gttttgtaat 120

gagatctttg	gagtagttag	cagggttttct	acttctgtta	ggtggctccc	tgagcaggca	180
caggttccaa	gctgatactg	tcactaacta	atgcacttgc	agtaggacat	aagtgaaaat	240
gttacagaca	tttggctatt	aaatgcctca	gactatgttt	ggacaaatta	aatacagaga	300
ttgctccccc	acccccaacc	actatgtatc	actttgaggh	gtgagacwgg	ttctaaagct	360
gtaggggggtt	tgaacatcra	taaaaacatt	taaacatacn	gaccctttgt	acttttttct	420

<210> 35990
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 35990	
cactgtttgt	taggccttaa
catcaattat	ttttttgctt
acaacattca	ctgtgggtgg
atcaggcaca	ctgctatgtg
atctctgggg	agc
	60
	103

<210> 35991
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 35991	
caagaagggtg	ttaaacaaga
gtcattaaat	gtttagtgtg
cttttdataa	agtacagatd
gtcatgataa	ggactantat
gagtgccaga	tgtcaaagtt
ttttaatacn	gtattaanat
attttttaa	
taataaata	tttagatacag
attcctttat	catttaagat
agtggttaata	cttctatggt
gtattaagaa	attacatggt
gagcactcta	gatatgamga
acttactatc	atgtagtgaa
	60
	120
	180
	240
	300
	360
	368

<210> 35992
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 35992	
ctgctttcaa	tcgtgtgctg
gatttttata	ttgtcctaca
aaatttatcc	aagacttttc
ccagtatttc	agtggtgtgaa
tgtaccataa	tttctcttaa
aaccaatccc	ccggcgg
	60
	120
	180
	237

<210> 35993
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 35993	
aagctcaggg	tcaagttctg
tattgaaaca	gattctgtgc
acaatttaga	aaaggsnttt
acagatatat	tgttcccatt
tcccaaataa	tgaaacggaa
gagcgcctt	
agcaaaaagt	gtcaaggagc
ccttttaaag	agataataac
cacacacagg	cctgtttcat
tcccaaataa	tgaaacggaa
cctcctataa	
taacatctgg	ggagcgcctt
cttcacaaca	atcttatagw
gagcgcctt	
	60
	120
	180
	226

<210> 35994
 <211> 266
 <212> DNA

<213> Homo sapiens

<400> 35994

ttacagaatt	agtatgaaaa	tttttactat	ttataactac	ttgtatgaaa	cctaatacag	60
aaataaatta	tgtcaaacac	aatcctactt	tcaaatTTTT	aagtcctttc	aactgacaca	, 120
ttttaaaaag	gaaaaatacta	caaatTTTTc	actttataaa	tgtgtgccgt	tttgatcact	180
tgaaaatgta	tgaaaagattg	caattggagg	aaaaaagggt	gtgctaataa	aaaatgtctc	240
aagaccaatg	ttaaaagtga	gctata				266

<210> 35995

<211> 72

<212> DNA

<213> Homo sapiens

<400> 35995

```
tttctgtcct ttggtatgcc tttaaaagtt attcttcocat catgatgtga tttataatt    60
cttttttttt tt                                     72
```

<210> 35996

<211> 328

<212> DNA

<213> Homo sapiens

<400> 35996

cacaagctgc	cttgaagag	ggaggaagta	acagtttagt	aactcctact	gaagctggaa	60
gtctagacag	ttcaggagaa	aacaggccat	taacagggtc	tgacccaact	gtggtgtcaa	120
ttactggatc	ccatgtcaac	cgtgctgcat	ctaaataccc	caaaaccaa	aagtatctag	180
ttacagaatg	gttgaatgac	aaagcagaga	agcaagagtg	ccctgttgag	tgccctttac	240
gtatcacaac	ggatccaact	gtactcgcaa	cgaccctaaa	catgttaccr	ggctcttatcc	300
attccccgtt	aatttgcacc	acccccga				328

<210> 35997

<211> 272

<212> DNA

<213> Homo sapiens

<400> 35997

ggcaacccgc	tccggtcacc	ttccacgctg	tgaagcttt	gttcttttgc	tctttgcaat	60
aaatcttgct	actgctcagt	ctttgggtcc	acgctgcttt	tatgagctgt	aacactcact	120
ggaaagtctg	cagcttcatt	cttgaagcca	gcaagactgc	gagcccccg	gggaggaatg	180
aacaactcca	gagacgccc	ttaagagct	gtaacactca	ccgtgaaggt	ctgcagcttc	240
actcctgaqc	caqcgaqacc	acqaacccac	cc			272

<210> 35998

<211> 135

<212> DNA

<213> Homo sapiens

<400> 35998

```
ggcgcgggcgc ggtggctcac gctgtaatc ccagctctca gggaggctaa gaggcgggag      60
gatagcttga gcccaggagt tcgagacctg cctgggcaat atagcgagac ccccgttctc      120
cagaaaaaag aaaaaa                                     135
```

<210> 35999

<211> 199
<212> DNA
<213> Homo sapiens

<400> 35999
atTTTgcctc tggcaggaaa atgagcttgt cagtttctgc ctccattaga ccctcaaccc 60
aaaggagcag gagatttcgg tagcgtttta actttatctc agaatctgaa agcggaaggc 120
caggcaagct gcacacatca agcgaaacgc ctgagggggcg gncagcgcgga gggtttctgg 180
ccatcgaccc tcacctccc 199

<210> 36000
<211> 210
<212> DNA
<213> Homo sapiens

<400> 36000
catatatgta catagtattg tttgcttttt atgttgacca tcagcctcgt gttgagcctt 60
aaagaagtag ctaaggaact ttacatccta acagtataat ccagctcagt atttttgttt 120
wgttttttgt gtgtttgttdt tgtttttaccc agaaataaga taactccatc tcgccccttc 180
cctttcatct gaaagaagat acccccctct 210

<210> 36001
<211> 172
<212> DNA
<213> Homo sapiens

<400> 36001
gaaaattttc tctgtagtgt ggatctctctc agaagtcaca agggagacca cttccttcaa 60
agagaggaga agaaaaggat acagaggatc agctactcaa caccacttt tgatgggctg 120
aagaaggaga gtgaacagvt waaaggagga ctccarggtt aagaggcacc ca 172

<210> 36002
<211> 341
<212> DNA
<213> Homo sapiens

<400> 36002
agagaacctt aaaatttaaag atcagactca gggctctgacc cattgagtga cactgaaagc 60
ccatggcttt caagaaatgt tacttcctta ctcccaaadc caaacctgct ctaagggagt 120
gataactgac tcttaattgg wtggtagsmm cwatattaga tattgctgag tacacatttt 180
cactctttcc actwvactgt gattttcatt ttataaaaac tgtgtaatga tktgtgtgtt 240
gttgatcatt tgttttcccc aaagtgaaat gcagaaccca ggctagtagc agataatagc 300
agagccactg tggttgaaat ggggagaggg gttcagggcc t 341

<210> 36003
<211> 116
<212> DNA
<213> Homo sapiens

<400> 36003
aacgcggaga gagacgaagg gmggtgggaga ccagcgacas gangcgccag ggcaccgcag 60
gcacactgga tgcccagtc gccggccccag ccgccctcgg accctggacc gtgcgt 116

<210> 36004

<211> 401
<212> DNA
<213> Homo sapiens

<400> 36004
tgtaatgtac acgctaccat actctatgtc tacacctcca atatagtact ttagtcaccc 60
actgcaatca cttgtcttac ccgtatgtgc tgtaggcccc ttaggggtag ctgctgtgct 120
ctattcatct ttawgmatct ccagtgccta gcacataatc tgacatttat agatgcttag 180
taaataatttg ttgaattaat atgttgatta attaaaagat aatacaaggc agcttatacc 240
caacagttga gaaaaggtta aactaaaata taaaggggct taaatgccaa gctgaagttt 300
ttcgagttca ccctataagc caatgggtcc aaataagtaa accacaatct atttataaat 360
gtctacacca gtagcctccg ctaccaccat cccccccaca a 401

<210> 36005
<211> 128
<212> DNA
<213> Homo sapiens

<400> 36005
aattcaagaa cagarracca aacattgcat gttctcactt ataagtggga gctgaacaat 60
gagaatgcgt ggacacagag aggggagcaa cacacactgg ggccttttag gggatgggtg 120
aggggcac 128

<210> 36006
<211> 189
<212> DNA
<213> Homo sapiens

<400> 36006
cggagggttct gagcggttctg ttcggacctc ctaccgttac tctttcattc actcaagaaa 60
tgatttcttg agttcccggc ctttgtcaga gagatgacga ggcrsggtcc gtgtccagct 120
aaaggamagt argactkgra agravcgrt tttccaagg tacaggwtgc cgcgcctcct 180
aggagccga 189

<210> 36007
<211> 156
<212> DNA
<213> Homo sapiens

<400> 36007
tattttattta tttagagagg gagtctcgct ctgtcatcca ggctggagtg cagtggcacg 60
atcttggtc actgcaacct ctgcctcctg ggttcaagag attcttctgc ctcagcctcc 120
taagtatctg agattgcagg cacctgcccc ccacct 156

<210> 36008
<211> 128
<212> DNA
<213> Homo sapiens

<400> 36008
taaaccaagt aatctggggtt tttgcggccc gcggctcgtc gcgggacaca cccacatata 60
gcagcagcgc cgggggtccag ccgccaagct cttccactcg ccacgccc ss atcagtaatg 120
agcttcca 128

<210> 36009
<211> 140
<212> DNA
<213> Homo sapiens

<400> 36009
gaaactggga gagggdkgaa gggagaaaagt gagaaggga atcggaaaga gaaaaggag 60
gaaacggcag agccagagag aaagaggaag agactgagt tgaaggagag aggacacarg 120
ggatgactga mgaracaccs 140

<210> 36010
<211> 123
<212> DNA
<213> Homo sapiens

<400> 36010
ggatattttc ttaacttgat tatggctacc taccagaaat ttacaacaaa cattaaaata 60
taaatactag gtgcattccc attaaagtca gcaagaaact aagagttcct gtgtctctgc 120
atc 123

<210> 36011
<211> 265
<212> DNA
<213> Homo sapiens

<400> 36011
ttctgggttt ggagagtttg gggagcggag acacctccc aggcctcctc gcgttgagacc 60
ctatttgcca gggcgggagc ggggtgggccc gacggcgaac tccagaggtg ggaccctctc 120
ccttcagcag ctcttcctga cttcatgatt ctgcccctct tctcattgca ggtcacaccg 180
acaaatctga agcgggtttg ccaggggagt gtaccgcgtc sccagcctg ggccaccg 240
tccacaggga ttccatttcc ggccg 265

<210> 36012
<211> 275
<212> DNA
<213> Homo sapiens

<400> 36012
ccctttgagc catgataggc atgaataaca gagctatgga tgactttatg gttccttggt 60
cattgattcc ctcaacacat atttaatcag tatctagtgg atatgagaaa ttgtgctagg 120
ataagaaaag aagtgcagaa ttatttagga acatgtaaca gagatggagg acaacacagg 180
aactttctcg ggaaagtgc agctaagcca agagaagaaa tgagtaacag ctggttggtga 240
tggcacatgc ctgtgggtccc agctactcgg gaggc 275

<210> 36013
<211> 359
<212> DNA
<213> Homo sapiens

<400> 36013
acgggcagga ggtgcaacgc ggaaggaaac atcacggatt gggggtactg gaaactttta 60
aaaggtcttg aaaatccctc cgatttagtg gatgcttttc cgcggcagtt taaaaactga 120
aaggcaacat agaagcttct actttaaaaa ggtagccctg gtgatccaat cccgatcttt 180
tggctggcaa agaggcaatt gcctgaaaaa gaaattggca ttcaaaaagg gtcagggtaca 240

gccagagtc cctgtactca ttttagactc aagaaaaggc gcttcccatc cctagctctt 300
ttagaaaagag aaaggaaaag gaggagaaaag cagaaaagggg ggagagccga gagcgtgtg 359

<210> 36014
<211> 424
<212> DNA
<213> Homo sapiens

<400> 36014
ttatcattgg cccttagctc tgaaacttgg tagagatgaa ttaaaagggtg caaccagtct 60
tctaacttct gcatcagaaa ttgggttgaa gatgtcttac atgaacctgt ggcttctgag 120
tatttaacaa acttttatat taaccatctg aacgtttaca tctcatcttt aatacaaatt 180
ctggaagtgg tgggtgcagag ttgccagtct garagattca ggctcagctg gagaatgtgt 240
tgggcctgaa gtaacacaac tgtaaaccta tttgtggaga acctaaatgc acatacaagt 300
gatttgcctc cacatcaaag acctctctgt agtgccttag ggtatgggtg gggcagtagt 360
ccagatagag ggccctcagt gactgtccca tctttkdga cagagcccam agggttgggt 420
tctt 424

<210> 36015
<211> 194
<212> DNA
<213> Homo sapiens

<400> 36015
cccacttgaa atgtttgaga gttccagttg atctgcatcc tcaccagaac ttggtattac 60
tagggttgac ttttattttt tataggcata ctgttagata tgtagtggtg cagcattgat 120
ttaatttttt ttcccttgtt ggtaataggt attgaatact attggtgaac ttttttaccg 180
tctatttttt tttt 194

<210> 36016
<211> 213
<212> DNA
<213> Homo sapiens

<400> 36016
ccagggacag ggagggatga agcggagatg tcaccagtgg tagagaggaa aggaggagag 60
aagaagtgg agctggagag cagaggaagt gcagaaaagc tgggaacaga gagggaagga 120
ggtgaaggaa ccactgggca tagagagaaa agttgaggga catttgaggg cagagaagga 180
aggagatgag gaaaagcgag gggcagagtc ggt 213

<210> 36017
<211> 74
<212> DNA
<213> Homo sapiens

<400> 36017
aaaccctcag ggacctggtg tagacgcaga atctgtttca cacaacaact gctatttgaa 60
ggaaaaaaaa aaaa 74

<210> 36018
<211> 92
<212> DNA
<213> Homo sapiens

<400> 36018
 atgcccgcc gggcgtttga gggctactgc cacgcagcgt ttctggagcc tgccggctgg 60
 tgccctggtg gcctttatct ctgtcccccg at 92

<210> 36019
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 36019
 agtctatgta gtccaagaga gtgcatatac gaaatacttg aatgctgctg ccggagggct 60
 gcgtcctgtc tgtggcctag aagcttctctg ccgcagctct gaaggagtga atagrcagth 120
 atvsgwtgct aaacccttay cctgagtga cggggtcagg agaggcctgc cagtaccctt 180
 ttgtttaaag agac 194

<210> 36020
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 36020
 ctaggcaggc actgskccgt gatccaggma ccacctctct ctacagctgg gagtgagcag 60
 gtcagagagg gagacagcct tgcccggtgc taccagcaa gctagtcacc gagtggmag 120
 agggaggagc ggccgtcacc ggatgt 146

<210> 36021
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 36021
 ttacattgtt cagywtctta aagttgtctt ttactaaaac tatctgaaaa aaaattgtca 60
 ggaaagacag tttttggtat tagtctctga aaaaatgctt tcaaaaattc acatcaacgc 120
 tgggcgcagt ggctcacgcc tgtaattcca gcacctkkg gaggccgaag tgggcagatt 180
 acttgaggcc aggagttgga gaccagcctg gcta 214

<210> 36022
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 36022
 aaaaattagc caggcatggt ggcmcatgcc tgtggtctca gctacytggg argctgarng 60
 caggagaatc atttgagccc aggaggtcaa ggctgcagtg agctttgatc acacca 116

<210> 36023
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 36023
 ttttaacaagc ttatgaagtt agtatTTTTA ttttatTTtag acgaggcata gtcaaggatt 60
 agataatata trkaacaagt agtataagat ttgaatttga gtctgtcttc ccacgcac 118

<210> 36024
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 36024
 cccattccat gtctcagaat ctctccagtt cctgttcatt ttactttaga ataagaggcc 60
 aggaatggat gggatttaac tgattgtaca atactataac ttgtacaatc aaggctctgga 120
 tctggtcttc cactacatct gcc 143

<210> 36025
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 36025
 ttcatgtgaa tactawattt gataattaga attgtcataa tatggaatth ataaacattt 60
 agttaaatat ttgtttttaga tagtgtgctt ttcattgcat gttgacacaa aatattttca 120
 ggtcttcac acattattgtag accctatgcc tctagtgcct agttgagaac acagccctag 180
 ttaaaaaaat agactagtt 199

<210> 36026
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 36026
 aactcgcggg gattgttttc cacactgtgg aagctttggt cttttcggtt tttgcagtaa 60
 atcttgctgc tgctcacttt ttgggtccac attgctttca tgagctgtac cactcaccgt 120
 gaaagatctg cagcttcamt tcagagccta gcgagaccac gagg 164

<210> 36027
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 36027
 agctccagtg ggcaccgcca gcacgccag gagagtcgag gttgctgac gtggtgcttr 60
 agtagagccg tgggttggtga cagcatgacg agcgagggtga tagaagacga gaagcaaatt 120
 ctawtccaag gccaaagacc tactggaaac aaaatccac ccacggtgga cggcatgctt 180
 grggggtatg gccacgc 197

<210> 36028
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 36028
 ttcacatatg tttttgcac actgtctctt tttttcttga gcttattcca gagtgtcttt 60
 taatatccat tccatgatca aatggctgaa ctattaaaaat gctgtccaga agtgtaaagc 120
 aatatgaaga tgctagaaaa gttgaagaag acacatatat ggtagggtcca agaccattac 180
 acttactgag tccattacta aaaatgatgt tcacttaaca tcaaaacact caggattacc 240
 caagcacrat atactgattt gcacctctgc ctttgttcat gcccttggt caggagaact 300
 gctttcatgt gcta 314

<210> 36029

<211> 343

<212> DNA

<213> Homo sapiens

<400> 36029

tgacacgata	tcagctcact	gcaacctcca	cctcccaggt	tcaagcgatt	ctcctgcctc	60
agcctcccaa	gtagctggaa	ctacaggcac	gcaccacaac	accagctaa	tttttgtatt	120
tttcagtraa	gacaggggtt	caccatgttg	gccaggatgg	tcttgatctc	ttgacctcgt	180
gatctgccc	cctcggcctc	ccaaagttct	gggattacag	acgtgagcca	ccatgcccgg	240
catatatgaa	gttttaaaaa	atcagaatac	agaacaaaat	ttanygggag	atgagcttct	300
ttctttctct	cttcaacacc	atcgccacac	caccaagacc	aac		343

<210> 36030

<211> 206

<212> DNA

<213> Homo sapiens

<400> 36030

ttcaagatgg	attaaagatt	taaacgttag	acctaaaacc	ataacaaccc	tagaagaaaa	60
cctaggcatt	accattcagg	acataggcgt	gggcaaggac	ttcatgtcca	aaacatcaaa	120
agcaatggca	accaaagaca	aaattgacaa	atgggatcta	attaaactaa	agagcttctg	180
cacagcaaaa	gaaactacca	tcacga				206

<210> 36031

<211> 318

<212> DNA

<213> Homo sapiens

<400> 36031

tagtgagcag	tgattggcct	tcaatacttg	tgctgagagg	aattttaagc	caggggaagt	60
gtaagaaaa	gttcccatc	aggagagatt	gtgttgagg	ttctttcttc	ctctgtatgt	120
attttgtgg	gtccamcttt	aaccacgttt	catccawaac	gatgatgcag	ctttaacatg	180
aatgttacat	ttttattttc	aaggaattat	tatctatgtt	ccctttgtaa	aggaaagata	240
atgttgtaaa	tctttttatt	agataatgta	aagatgtata	tcagtatttt	tggatcatgt	300
tatagattat	ggatatam					318

<210> 36032

<211> 301

<212> DNA

<213> Homo sapiens

<400> 36032

gcgggctctg	cctcggaggc	cactcgccgc	ctgttggtgt	gtccgggtg	ggcgrrggg	60
tcgcggtgaa	gggtccgagg	gtgaggggag	agattcttgg	aaaaggaaga	caggggtttca	120
ccatrttggc	caagctggtc	ttgaactcct	gacctcargt	gatcgccgc	ctcagcctcb	180
caaagtgcctg	gaaattacag	gnatgagcca	ccacgcccgg	ctcaaaggaa	atgcccaatg	240
aaacatttta	gattttggat	ttttggattw	aggatgctca	actggtcatg	gcaaaacccc	300
a						301

<210> 36033

<211> 298

<212> DNA

<213> Homo sapiens

<400> 36033

```
catgaaaagg gtacaagaac ctaagtgttt taagtttcgt agtagttggt cagatttgca    60
ttttagaagg gtcactctggc aggggtgaatt aagttggata aaaacaaacc agttagaaga    120
ctactacaaa cactcaggca agtgatgata ggataaatca gtggcagtcg gatgagaaaa    180
gatggatttg agagatgtcc agaagctgga attcacagag tatggcagtg ggcctggcat    240
gagcaactgg gtgaatgtgg tagcagttgc tgaaataggg actggaacnga aggadctg    298
```

<210> 36034

<211> 212

<212> DNA

<213> Homo sapiens

<400> 36034

```
ttatgtggaa ggtgcttctg ttgggcactc aggggtcaacg gatgcagggc aggggtgggcc    60
tgaatggcac gctgaagggc caggatctca caccatgggc tgctgagagc cactgaaggt    120
ttttaagcag ggagagctgg tggctcagct gagcacagtc actcaakgaa gattactctg    180
atggtggaag gggtagcnsrg agatgggaaa cg                                212
```

<210> 36035

<211> 83

<212> DNA

<213> Homo sapiens

<400> 36035

```
cagcactactc aaaatkkttt tcctggaatt tggagggatg ggaggagggg gtggggctta    60
cttgttgtag cttttttttt ttt                                83
```

<210> 36036

<211> 111

<212> DNA

<213> Homo sapiens

<400> 36036

```
cagattcaag cacttstctt ctacacacagg agtatgcatg ggaagaaaaa agagatttgt    60
tagtagctga gggtttgaga gagggtagtg ggrgagggat gragaagggg g            111
```

<210> 36037

<211> 114

<212> DNA

<213> Homo sapiens

<400> 36037

```
caagtttaca tacagtdaaa aatacccgaga tgaagctccc ctttatgaaa tattctccca    60
ggaaaatcta gaagataatg atgtctcaga cattttaaaa ttactagcat taca        114
```

<210> 36038

<211> 106

<212> DNA

<213> Homo sapiens

<400> 36038

```
ttagttgaga tggggtttcg ccgtgttggc caggctggtc tcaaactcct gacctcaggt    60
```

gatacctcccg cctcagcctc cctaagtgtt gggattacag gcatga 106

<210> 36039

<211> 112

<212> DNA

<213> Homo sapiens

<400> 36039

taagatggta aattktatct ttatgtttat tttactacaa ttaaaaattt atgtatgtgt 60
gattacttct gcagtacctt tgggcaggac tcacacacac acacacacac ac 112

<210> 36040

<211> 249

<212> DNA

<213> Homo sapiens

<400> 36040

actagatgag gctcaggccc tggcgcgagg ttgcgcsgcc cgcagacccg acttccagcc 60
gtgcgacggg ctgtctatct gtgccacgca cagccatggc aagtgttca rgctgcactg 120
gtgstgtsac ctaggatgtt gksactgcar atacatgtat cagcctgtga cccctgtgga 180
acagcttcca agcactgaga ttcttgccag gcctcgggaa cccacaaaca ccattcagat 240
ctcagtctc 249

<210> 36041

<211> 93

<212> DNA

<213> Homo sapiens

<400> 36041

tgagtttggg atcttkhtga ttcaaataag gatctttgac tctgttatgc tttctttagt 60
gatctcactt ttctgtgctt ggtaaccctt gaa 93

<210> 36042

<211> 128

<212> DNA

<213> Homo sapiens

<400> 36042

catatttttg gtagaratag ggtttcacca tgttggtcag gctgggtctcg aacttctgac 60
ctcaagtgat ttactaccct cggcctccca aagtgtctggg grttataggs gtgagagcca 120
ctgcccc 128

<210> 36043

<211> 93

<212> DNA

<213> Homo sapiens

<400> 36043 .

tatgtgtctv agtgtagctt tgtatttatg tgtgtgtgtg tgtgtatgtc tgattgcacg 60
ggtgtacttt tgtatttatg tgtgtgtgtg gtt 93

<210> 36044

<211> 89

<212> DNA

<213> Homo sapiens

<400> 36044

ggaacgggaa	caaagsgcas	ctaggggtag	cgtgggaaga	ccctccgcgg	tctttggcgt	60
tttgaaaga	taccacaca	ttcccggga				89

<210> 36045

<211> 107

<212> DNA

<213> Homo sapiens

<400> 36045

agaggaaagg	gtctrhvaat	atgtacacgc	agctgactca	ggcaggctcc	atgctgaacg	60
gtcacacaga	gaggaaacaa	taaatctcag	ctactrtgca	ataaata		107

<210> 36046

<211> 119

<212> DNA

<213> Homo sapiens

<400> 36046

tgttttkaat	ttattgtatt	aagatggatt	ctcagatatt	tatatattta	tkttatntkk	60
ttctaccttg	aggtcttttg	acatgtgraa	agtgaatttg	aatgaraaat	ttaagcatt	119

<210> 36047

<211> 121

<212> DNA

<213> Homo sapiens

<400> 36047

cctttgggta	tatacccagt	aatgggatgg	ctgggtcaaa	tggtatttct	agttctagat	60
ccctgaggaa	tcgccacact	gacttccaca	atgggtgaac	tagtttacag	tcccaccaac	120
a						121

<210> 36048

<211> 109

<212> DNA

<213> Homo sapiens

<400> 36048

ctttcctttc	tcgttscccg	gccatcttag	cggctgctgt	tggttggggg	ccgtcccgcg	60
cctaaggcag	gaagatgggt	gccgcaaaga	agacgaaaaa	gtcgckgga		109

<210> 36049

<211> 194

<212> DNA

<213> Homo sapiens

<400> 36049

taagggtcaak	tgarttttcta	ctgagttttc	agtagttttc	actttaattt	catataatta	60
aagcaacagt	tatatattta	tttattttatt	tattttattt	gagacggagt	ctcactcagt	120
cacccaggga	tgactgcav	tggtgcartc	ttggcttact	gnracctccg	cctcctgggt	180
tcaggcggtt	cttc					194

<210> 36050
<211> 125
<212> DNA
<213> Homo sapiens

<400> 36050
aagcaaaacg tgttasccaa atcttacaat aaatcattgc aacckgcagk ggtaggcatt 60
gtcattctta ttttgcagag ggtgaaactg atggatgcct agcgaagtta tttgctaaga 120
tcacc 125

<210> 36051
<211> 224
<212> DNA
<213> Homo sapiens

<400> 36051
ttagtcatca gaaggkcctt gtttgttctg ttttaagtatt taaaaacatt aaggtaaaag 60
ttaagcttca ttgcatagaa agtatgatgt tttacactga ataargggaa ttatkstaag 120
aatcctgtcc ccraattaaa awgkccttra aagcccccta raaaggtgtt ctagtgttct 180
aatacgcatt aacctaggaa gtattggtgc tttgttctgg tagt 224

<210> 36052
<211> 241
<212> DNA
<213> Homo sapiens

<400> 36052
tacttgttta ttattrvtat tttgtatata tcttcaacta atagaggata tcctgttttt 60
aagtttttgt ttgtgtaaga tttagttggg tacatttgca gatttggtac ttgggtatat 120
tgaggtgatg skgaggtttg mngtaccgaa tgatcccatc acccgaggta ctgagcatag 180
tgcccaacag ttgdtttttc aacccttate tcctcckktt cctccccttc tagtagtccc 240
c 241

<210> 36053
<211> 113
<212> DNA
<213> Homo sapiens

<400> 36053
tgaatgcakk tggtkhtgat gacctattaa tgatagtagc aaagacaatg ttgttgatgg 60
agatgacaac attgatggaa gtggtrattg aagagttcgt tgttggtgtt gat 113

<210> 36054
<211> 122
<212> DNA
<213> Homo sapiens

<400> 36054
gagagagaga gaaacksatt tgctacaagt ggaggagaca tttatatcag catcttattc 60
tggaattagg agtctcactc ttgtcaccca aggtctggagt acagtggcac aatcttggct 120
ca 122

<210> 36055
<211> 160

<212> DNA

<213> Homo sapiens

<400> 36055

acactgagtg ctasrtagtg ggtactcaat aaatatcagt taaataaata aatgaataga	60
tagatgtgat accccgcctc ttggtcaagg tttccagaag gtgtaatggc ctcacctarc	120
atgtcctctc rcaacagggt ndcgagacct ggcctcgcaa	160

<210> 36056

<211> 87

<212> DNA

<213> Homo sapiens

<400> 36056

tacctctcgt gackwcctgt rttctgggggt tctgagaggg accgtrcgct gcctggrgaa	60
vcaatgcaag tctccatagc ctgcaca	87

<210> 36057

<211> 108

<212> DNA

<213> Homo sapiens

<400> 36057

tctctcctag gacacttgta tttggtaata taatagaatc aacaacaata aacacctgta	60
tttcattaaa tctaagatgt cattgatatac actgatgcta ggctggta	108

<210> 36058

<211> 104

<212> DNA

<213> Homo sapiens

<400> 36058

catgaatatt ttctgtgtctg tctctctctc tctctgtgtt tcctccagcc cttgtctcgg	60
agacgggtgtt ttctctcctt gccccattat cttttcacct ccca	104

<210> 36059

<211> 124

<212> DNA

<213> Homo sapiens

<400> 36059

attttagaag agtartagag ccagataagg tacattagca cctatgtttt aktttgtggg	60
aaaaggtaaa aatattatgc taatttatca tattataatg ccaatttggt atatcctgcc	120
tatt	124

<210> 36060

<211> 67

<212> DNA

<213> Homo sapiens

<400> 36060

acggaggtga ggtttgtyac cgcgatwctg agaggygggc ttttagtccc wccagacctc	60
ggcttta	67

<210> 36061
 <211> 58
 <212> DNA
 <213> Homo sapiens

<400> 36061
 acacttggtt tcaggggaagg grmaagaggt caccaagggc agaggtgtcc aggccgga 58

<210> 36062
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 36062
 aggatccagc ggtgtggagt gcagactacc cactgctccc acgcctcggg gttccctcca 60
 cagagcgggt gatgctcggg acaacacaca 90

<210> 36063
 <211> 99
 <212> DNA
 <213> Homo sapiens

<400> 36063
 agagtgtctgg gattgywggc gtgacrarcc gcgcccagcc agaatagtgt ttttaagagat 60
 ctgcttgaggga gggtttttttt gttttgtttt gttttgttt 99

<210> 36064
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 36064
 tacagtcatt ttttttaaag aaaaagtatt assgaatagm atttccagag maggtaagac 60
 acgtatcasm aataaaagca caaggcggtt tgaaaagcta ggtgaaataa gggaggaaca 120
 ctggagagtt wr 132

<210> 36065
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 36065
 tgcattcttc aaattcttaa cagtcgccat ccataaatgt ctttttttgt acaagtaggt 60
 gataaaatat ttaaagccaa tttttaaatg tttcaaagat atttaacaat tggaatttat 120
 atcctarcag ctttttctws wtdgtttcac tgacaagtat attgttaaaa cttctcatga 180
 tgatgtgagt agatttcaaa tccagttgaa cgctttcata ttaacaattt caaaataatg 240
 atgaagctct tatttgcaga rcatgcatca ttattaga 278

<210> 36066
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 36066

catttcaacc ttacagagaa attagaaacc atcagatggg atatccttca ttctgatacc 60
aaacatamat ctgacatgtv aacacccctt ccttcagctt cacctat 107

<210> 36067
<211> 195
<212> DNA
<213> Homo sapiens

<400> 36067
aaaacggtcc ggggctgagc tgcagtcaga tccggggatg gagggagccg gagaagagga 60
gtgagaaggc cggggaggca ggccctgctg tcttcctgca ggccggcagc ctgctggcag 120
tggaggacca ggccgtccag gaaaggaagg gygcaggagg tcgggcaggg cctcagcagg 180
ttcagacaag tcccc 195

<210> 36068
<211> 72
<212> DNA
<213> Homo sapiens

<400> 36068
ttttgttttt ttgabacgga gttttgctct tgctgccag tctgaagtgc agtgggtgcac 60
tctcatttca ct 72

<210> 36069
<211> 84
<212> DNA
<213> Homo sapiens

<400> 36069
agacgcggas tggkyaaaag ggaggcagag gaggcggagg cagaggcaga ggcagagccc 60
ggtgccgaga ccaagcgaca gacc 84

<210> 36070
<211> 163
<212> DNA
<213> Homo sapiens

<400> 36070
tactttctcag cctgtatcaa ttgtacccag ggttcatgat tactgtgacc cactaagga 60
cgatctttga ggaaacagac ctggaggag gtaatttaag gagggaaagt gagtgggttt 120
tacagactgc tttgtggcga cattcmrggr acaagaccaa agt 163

<210> 36071
<211> 108
<212> DNA
<213> Homo sapiens

<400> 36071
aggaaaactt tctggtagca gtgctgttac tgtctgttgt ggggttactt agatttgtct 60
ctgctcttca aggtgctcca gatttattgt cattatctac ggggaact 108

<210> 36072
<211> 384
<212> DNA

<213> Homo sapiens

<400> 36072

ttcaaactga	attaaaccca	ttgtgaggtt	gacactggga	ggggctagaa	gattgggtggg	60
cagcagacta	aagagttatg	ttggatagtt	ttatttctgt	ggctgaaaat	aaaatcttgt	120
ctagcacagt	taaagtcatt	aaaaataaaa	aatgmcagct	ttaggsacaat	tttaagaaaa	180
tgccccctctc	tattaccaca	ttttctctta	ttaacagtat	ctcagaataa	ttttctttcc	240
ttagaaacct	gagagaatgc	tagtcataac	tgtactagtt	actatgaaaa	tggaaataat	300
tatctkrjaa	tattttcaaa	gtagagcgtg	msatgtat	ttagtgggag	agctctgata	360
gttgttggga	atatataatt	tact				384

<210> 36073

<211> 320

<212> DNA

<213> Homo sapiens

<400> 36073

taagttctgt	aaaaacaagt	gctattgaaa	ttgagaataa	aaagagtgt	agtctaatta	60
agggaaatct	gactatctta	gaatgcttcc	aacggtaggt	ggttatgagc	tgggccttaa	120
agaatggccc	caaataagga	aggtartttt	ttgaggaagg	gtttttctgg	caagaagtca	180
gccagtgga	ggaaggtgga	aaggaaagtt	tcaggtgtat	tccattacct	gggagcagac	240
atgaatgaat	ggaatgtaag	agggtagaat	gggagatcgg	atggmnngag	ttcagttgga	300
gagcatgtca	tggaagagct					320

<210> 36074

<211> 340

<212> DNA

<213> Homo sapiens

<400> 36074

ttttttctgt	ttaaatcttc	agttcagatc	tgattttggt	tatttcttgt	cttttcctag	60
cttaggggtt	ggtttgctct	tgctttctct	cattctttta	ttcatgatgt	taggttggtta	120
aattgagatc	tttctaactt	ttggatgtga	rmytttwagt	gctadaaatt	tctctttaac	180
actgccttag	ctgtgttgca	gagattctgg	tatgttgtat	ctttgttctc	attttttgca	240
atgaacttga	tttctgcttt	aatttcatta	tttactcaaa	agtcatttag	actcaggtgg	300
cataatttcc	atgtatttgt	atcacttcaa	gtgttttttt			340

<210> 36075

<211> 158

<212> DNA

<213> Homo sapiens

<400> 36075

cacaaaagaa	tggaatcat	aacaacctgt	ctctcagacc	acagtgcaat	caaattagaa	60
ctcaggatta	agaaactcac	tcaaaaccac	acaactacak	ggaaactgaa	caacctgctc	120
ctgaatgact	ggtaaaaaat	grmaatgaaa	ggcagrmc			158

<210> 36076

<211> 301

<212> DNA

<213> Homo sapiens

<400> 36076

gaaatatata	taacaaaaaa	atgctacaaa	atcatatggg	ccgggcaagg	tggctcacgc	60
------------	------------	------------	------------	------------	------------	----

ctgtaatccc	ggcacttttg	gaggtggagg	cggatggatc	gcttgggggc	gggagttcgg	120
gaccaagcct	ggccaatatg	gtgaaatctc	awcycwacwa	agggtagaca	aattggctgg	180
gcatggtggg	gtgtgcctgt	agtcccagct	actcagggat	gaggcacaag	aatcacttga	240
aactgggggtg	caggttgacg	tgagttacct	cgccactgca	ctccagcctg	ggcaacggag	300
t						301

<210> 36077
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 36077						
catatcattt	tactcataaa	tatttaagta	tatatcttaa	cacataagga	ctttaaaatc	60
ataaccataa	tattgatatc	agacccactg	aaattaatat	tctaatagtg	ggtgcatttt	120
taaaattcaa	atgaatatga	aacaaccaga	gtccac			156

<210> 36078
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 36078						
acaaatggca	tatgttttcc	acttctttgc	atgcgtttta	gtcagtttat	acacaaaatg	60
gattttat	wdyagtwtaa	ctgtgtttct	ccgacagctc	a		101

<210> 36079
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 36079						
aattgcgact	tacttggtac	agcagaagct	tcaagaat	acactcattg	gaataataaa	60
atagaagtaa	gcaaccgtgc	attaaaaagc	tatgaaaaga	tgwagagwat	tatgccttma	120
ratgggaagg	aatacttaac	tgtgaataag	acctagtcca	acatggaact	tcctgggtggc	180
caagtcagaa	gagaagcaca	gaacaaaaac	ggaggcacag	agaggtcaat	tgattggtct	240
aatgacacag	wtctagcaag	tggtggaacc	aggactgaat	ccaggtgtgt	gtccggaatt	300
ggt						303

<210> 36080
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 36080						
cagtggagac	cttacagaga	atgcacacta	catttgagca	tgacatccag	gctctgggca	60
cacaggtgag	gcagctgcag	gaggatgcag	cccgcctcca	ggcggcct		108

<210> 36081
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 36081						
agcctccatt	tggtcatcatt	cacaaactac	tcawggaaga	atttgctttc	ccagttgtat	60

gtataattta	agtcgtttac	tagatagaac	tttkttttag	gttttagatgg	ccawkdcac	120
dtakatgggt	tagwakgcag	agtakacatt	tdcctttgca	aacagtatga	gttaaaactt	180
tctatgctaa	atgagaatgc	ggcataaaagt	ctccacttac	tgaaatttaa	agattcaaca	240
agacaaaccg	agaagggggg	cagwggwkct	ctaggaaagg	cccaggagag	ggcagttggw	300
ggcac						305

<210> 36082
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 36082						
caatggtaac	aaagttgaga	aatactggtg	tagaccaatt	caatttctct	aatgggtata	60
ggtcttttat	gaaatatatt	tgcaagttgt	cctcttctag	taagtcwttt	aawtaaaaag	120
tttatatgca	ttggctaact	tkgtwattag	tttktttcta	gcattttaaa	tctctgctat	180
aattgtatca	ctgttgctat	twattgtdag	tattgttcat	tttaggtgtc	tgcatgggct	240
aatgccatgt						250

<210> 36083
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 36083						
gttttaaaagg	gaabcagaaa	aggagagaat	atgctattgt	ggcacttcta	aaatgcagag	60
tgtcctcaaa	gatgggtata	gtgggtaatg	ggtttcatat	aaattgcata	ctagagtatc	120
tccatttcct	cttttaattg	tkttaattgg	ttttttaaag	cttgatatgc	tgagkhagtt	180
ttcattttaa	aacaatgctt	gagtaggaaa	gttaaagaaa	tagaaattgc	ctgttttaat	240
ctattcatcc	tggcagcagg	tatgtattgt	atctgtccag	agtccaaaac	gtcagctccc	300
tncacttgcc	ttccccattt	cacataaact	ataaaaagtt	gaaataatat	attatgtcat	360
atcctaacat	cagttcaatg	aatatagttt	ttaaaatacc	tactatgtgc	tagatactga	420

<210> 36084
 <211> 421
 <212> DNA
 <213> Homo sapiens

<400> 36084						
tagtttcatg	tcccggctct	gcctgctgtg	tgatcttggg	caagtccttc	tctatggctc	60
atttcttcac	ctgtaaaata	gggataatca	ggwttttttc	atgggggtga	ggwtgagttg	120
aawgttcmkr	aagtgataac	tccagmaccg	tgcttgccct	agaggaagca	ctaaggggtga	180
agcagctttt	actatgaata	ggaggcagca	ccggaggggw	tcgtctcaaa	caggagagag	240
cgctggtttc	agcttttgcc	ctttctccgg	agtgactcct	caatcagaca	gggggaaggt	300
gggggtgtcca	ctatctcatc	attgcccagga	gcctccctgc	aacaaccagg	ykkgggtggtc	360
wtgtcccat	ttatagacca	gmnnagggaa	gttaaggaac	ttgccccagg	tcagccagac	420
a						421

<210> 36085
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 36085						
tgcatgtgtg	gaggagccca	tttactgct	tcactgttct	ggaagtgatt	cccctttact	60

catttatcct	taagctcaga	gttttccatt	tgtttctgaa	gattcwattt	gsckamtttc	120
ttatytarcc	attgaaaatg	ckttttgata	agtttttagag	tcccctaate	aactgtctac	180
atttccttat	gtatcacaat	tagaattata	tgctaacgtg	ctaacgcagg	gatattttctc	240
ttttcttttt	ctttcttttt	ttttt				265

<210> 36086
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 36086						
agtccaaatt	ccaattttata	gggatttctag	gaagagaaaa	atgtgaggca	gatattatta	60
aacaattaac	ataagaaacc	tttcagaact	gaagatcatg	aattttaaga	cccaccaatg	120
cctagcacca	gtgagtggaa	aaacacccac	tcatttgggt	gcattttcat	gatggagttc	180
tacagactaa	gtgataattg	taaaagcccc	c			211

<210> 36087
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 36087						
atttgtctgc	tccaggtgct	agccaggcag	gcgcasktgn	gccggctagg	gctggaagtg	60
tcagcggcgg	ccgcggggcc	ggcagaaggc	cgaktakgag	gaac		104

<210> 36088
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 36088						
acaatagtgt	taggctgtaa	tgtcattctt	taagaatctt	ttccagtaaa	catttggttac	60
tttttcaaag	taattgggag	ctggtgagtg	tggaagcgaa	aaccaagtta	agdagtcctg	120
ttatttgggt	catggtctac	gtgaaacatc	aaagaaacct	gtaacggaaa	acgacttggt	180
tgaaagagcc	agttctctat	ccaaattttac	caatcagaat	cttgactga	aaagataaac	240
caatcgtgaa	tctctacggc	cacttccgga	atntagcaac	cgatcactaa	cagggatcgt	300
ccacaagcg						309

<210> 36089
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 36089						
aggaccacgg	aatcctgttc	tctaacccaa	ggggcagtg	aggtggtttt	aagcccacag	60
aatattgaga	tatttctctt	gtgggttttg	tgggtgtgtg	ggatgcagaa	rgttaattaa	120
agatcaattt	taagcatcag	atagactatc	ccttttattt	ttttaacttt	taggttcaag	180
ggtacatgtg	caggttggtt	tataggtaaa	ctcatgtcaa	gtgggtttgt	tgtacagatt	240
attttgtcac	ccaggtgcta	agcctagtac	ccagtagtta	ttttccctgc	tcttctnnst	300
cctcscaccc	tccacctca	agtaggcc				328

<210> 36090
 <211> 271
 <212> DNA

<213> Homo sapiens

<400> 36090

taataacttgg	ttttatgttc	attccattgt	aggaacttag	tgattattac	aaaacagtca	60
aaataggtca	tagcaaaatg	aacgtttaag	attagggttaa	aacattcctc	tgaaatttta	120
gtattcactt	ttgaagtgtc	aattactata	tttctgtaat	ttctcatttt	tttcttggct	180
tagagtcaag	atgaaaaatg	atatttgaat	caaagacatt	gttttgttat	atagccactc	240
ctttctaaaa	tgcaaatcca	ccctcccca	a			271

<210> 36091

<211> 144

<212> DNA

<213> Homo sapiens

<400> 36091

cacgggcccc	acaggcatca	agtatgacct	ggaccggcac	cagtacaact	acgtggacgc	60
tgtgtgctat	gagaaccgac	tgactgggtt	tgccaagtac	ttcccctamc	tggtgcttct	120
gcacacgctc	atcttcctgg	ccca				144

<210> 36092

<211> 83

<212> DNA

<213> Homo sapiens

<400> 36092

tatttccatc	tttabgtctg	tctgtaccca	tkgttttagct	cctactttat	aagcaagaac	60
acgcagtatt	tgattttttg	agt				83

<210> 36093

<211> 233

<212> DNA

<213> Homo sapiens

<400> 36093

agacagtttt	gaagttttwca	aagactggct	cwgctgtbaa	gaagtwgtac	ttaaagcgga	60
ggagctaagc	cacctgcaa	hatgtgcaa	ggacttgag	ctttgvcccr	astccatgcc	120
wrggamaagg	gccavggmga	tdaagrtcaa	gtkgggaatt	ctcctccaga	agccagactc	180
agttggdgac	cttgtcattc	cgtrcaatga	gaagccagag	aaaccagccg	gcc	233

<210> 36094

<211> 383

<212> DNA

<213> Homo sapiens

<400> 36094

taccatgact	gctttaatag	attgccaaagc	tgcgcttcat	acctagtga	tcataacatc	60
cgaagcttcc	tagaagagtc	ggaccattag	actggaggga	taactactcg	cttattcggt	120
tgccttcagg	aaaggggaat	ttatgtgctt	ggttattggg	ctgattaata	gcaggacaag	180
aatcttatt	gtctctgtag	attcatccaa	ataatatcca	aatatatata	taatgtttgt	240
ttgagatggg	gtctcacttt	gccccctgg	ctggagtgc	gtggcacaat	cacagctcac	300
tgcagcctca	acctaccgg	gctcaggsnn	tcctcctacc	tcagcctcct	gaatagctag	360
gactatagac	acgtgcccct	gca				383

<210> 36095

<211> 109
<212> DNA
<213> Homo sapiens

<400> 36095
ctttgccagt gctctaagtg ataacatttc tttgtggttt aaattgcctt actggggccgg 60
gcgccatggc tcgcgctgt aatcccagca tgttgggagg ctgaggcgg 109

<210> 36096
<211> 146
<212> DNA
<213> Homo sapiens

<400> 36096
attagtcggg cctggtggtg cgtacctgtt atcccagtta ctggagaggc tgaggtggga 60
ggatcgcttg ggcccaggag ctggacgttg cagtgaagccg agatggcccc gctgcactct 120
tgtctctaac aaacaaaacg gaccgt 146

<210> 36097
<211> 237
<212> DNA
<213> Homo sapiens

<400> 36097
taaccaacaa atcccataag tggacctttt aggaagataa catttctatc catgagcata 60
gccactataa tcacaagaca tttatctcaa gcaagataga gtcaagatac tctcacaacc 120
tcaggggctg gaactgtaaa ttttcacatc ctgccaacac ccttgaatag ctatgtcaag 180
aatttagtgt ctgtaacttg ttctttattt taaagtacat ttaacatcat cggcgcc 237

<210> 36098
<211> 319
<212> DNA
<213> Homo sapiens

<400> 36098
taatctttaa gttgagatca gaatatcaac aaagagtcag tcatgcaaaa atgaattgct 60
tagttctttt gttaaaaact agaattgtag agctatgtcc aactttcaak wgdttggcagg 120
cttttgtcca agtaatatat atgtattagt ccattttcac aatgccagar agatactacc 180
tgagactggt taatttataa acaaaggagg tttaattgac tcacagttcc acacagctgg 240
ggaggcctca ggdaacttac aatcgtgggg aggggtgaagc aggcacattc ttcacaaggc 300
ggctagaaaag gtaragaga 319

<210> 36099
<211> 412
<212> DNA
<213> Homo sapiens

<400> 36099
tgagttccag tgcctgtgtc gagatggatt caaaggagac ctgtgtgagc acgaggagaa 60
cccctgccag ctccgtgaac cctgtctgca tgggggcacc tgccagggca cccgctgcct 120
ctgcctccct ggcttctctg gccacgctg ccaacaaggc tctggacatg gcatagcaga 180
gtccgactgg catcttgaag gcagcggggg caatgatgcc cctgggcagt acggagccta 240
tttcacgat gatggcttcc tcgccttccc tggccatgtc ttctccagga gcctgcccga 300
ggtgcccag accatcgagc tggaggttcg gaccagywca gccagtggcc tcctgctctg 360

gcaggggtgtg gaggtgggag aggccggcca aggcaaggac ttcacagcc tc 412

<210> 36100

<211> 77

<212> DNA

<213> Homo sapiens

<400> 36100

cttcttggtc ggcgtgggag gctcctggca gacccatccc gcggtgcagc cgccggcccg 60
gtaggcgcca ggacccc 77

<210> 36101

<211> 391

<212> DNA

<213> Homo sapiens

<400> 36101

tactattggt gccacagggc tactggcgca actacttgag ctgcacgtct gccacacca 60
gcaccagcga cggcacggcc atgatcacca gggcaggcct tccttgccag gacctcgagt 120
ttgttcagtt ccaccccaca ggcacatskg gtgctggttg tbtcatcagc gaaggatgtc 180
gtggagaggg aggcattctc attaacagtc aaggcgaaaag gtttatggag cgatacgccc 240
ccatcgcgaa ggacctggcg tctagagatg tgggtgtctcg gtggatgact ctggagatcc 300
gcgahggaag agagctggng ccctgagaaa gatcacgtct acctgcagct gcaccaccta 360
cctccagacg cagctggcca tgcccttgcc c 391

<210> 36102

<211> 254

<212> DNA

<213> Homo sapiens

<400> 36102

acggttcggg cggtgggcca gagcgatccg ttggggagag acgatttgac atcagctaaa 60
tccctctctg ccgaggagtt ttcggagctc ttctcctcct gttcgccctc gtctttgaag 120
gaaatcagtt cgtcggtggc gsytaggtca tccccccac cgccgttcag ctgcggcatt 180
tttttttcac ccaccagcag caattttgga agaaaaatga aggaggaaga aaagccaaaa 240
aaaatcacc ttcc 254

<210> 36103

<211> 93

<212> DNA

<213> Homo sapiens

<400> 36103

caccagtgga atgttcgttt gtcttttccc aaaaagtacc aktattggaa agaaagatag 60
ccttagcaac aggtgtctt aataacaaca ttt 93

<210> 36104

<211> 270

<212> DNA

<213> Homo sapiens

<400> 36104

gaaaaaaaaa aatcscagca ctttgggagg ctgaggcggg tggatcaciaa ggtcaggaga 60
tcaagacat cctggctaac acggtgaaac cccgtctcta ctaaaaatac aaaaaattag 120

ccgrgcgtgg tggcgggcac ctgtagtcss agctactcgg gaggctgagg caggagaatg 180
 gcgtgaaccc gggaggcaga gcttgacgtg agccgagatc gcgccactgc actctagnct 240
 gggcgacaga gcgagactct gtctcaaaaa 270

<210> 36105
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 36105
 tttctttgdr atcctacttt taattctttt gaattgaata taattcgacc taaaagtggg 60
 ttgctggkac atttggtaat tttgttttta atttttgagg cactgccata ctgtttttca 120
 tagcbwrgca atttttacaa tcccttggac agtgtacata ggttccagtt tgtcagcatg 180
 ctsrtcaaag ctttccattt ggcatgtttg atgtgttttt tatagttgaa ttatggaaat 240
 tctttatatt tgctgaaaat taagaccata ccagatatat gacttaccaa cattttctcc 300
 aaattgatga gttttctttt cccttgttga wagtgtgtgc ccttgcrsaa aagnntttaa 360
 ttttcataaa tcacattacc tttttgttaa ga 392

<210> 36106
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 36106
 agtaacaaac atggctccct gaagccgctc aggctcaaga gcaacatgga ggtctgcact 60
 taatcgctcc tctccggggg cggccatact gaggaggcat ctcttccgtg caggcaggct 120
 ctcttgggga cctcagagat tctctccagc ggcasagaaa acgggcaggg 170

<210> 36107
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 36107
 taagacatat cctgatattt cattttaatg cagttacttt tttaaagacc ttatctccaa 60
 atagagtcac attctgaggt acttgggggt agggtttaaa cataactaatt ttggagggam 120
 acatttcavc ckatartaat acaatatttg aratttgttc agctgwtgtt taaagtaaatt 180
 atgaggggaac t 191

<210> 36108
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 36108
 cacatatatg ccactgtgcc tcaagtgtta tctacatagg aaataaaatg gaattgatgt 60
 aaagttccat ttctgacagc tgacatttat taaacttttg atcaaagata atgtgattct 120
 tatgattgat ttctcaaact agcttttccc tccaagtcc aggaccatt aatttcctga 180
 gccaatcaga aatatatttt tcartaatgc taaaattagc tacgnntctg ctgaccct 238

<210> 36109
 <211> 102
 <212> DNA
 <213> Homo sapiens

<400> 36109
 cttttctttt ccttttttcc ccgctgtgcc tgaatctccc gggacactta gacggctgga 60
 gcctcccgcac tccaaggcgg gcgacggcaa agttaaacgc ca 102

<210> 36110
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 36110
 tataaatggg agaaaatcac ctgtccttgc caaggggtccg gtgggaatta aatgagctga 60
 gccagggcac ggggtggagct tgctgagtgt taggtcgtgt gcctgctctt cttggcggag 120
 tcttgccag atamctcatc tggttccatt gcttgtcagt ctctaaatng ggcctttcct 180
 gccagctcc cagccctggg gctcacacca tcacaggcca aagaactgga ttccagacac 240
 tgctcctcc actgtcccca cagtgaaaat grnnagggat gtccctgtgg agccctaact 300
 gggaccacaga cagc 314

<210> 36111
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 36111
 cacgtacata aatacacaca gatatgttgc taaagtgaga ttgtaggtta tcagtaacaa 60
 tttaaaggaa acaaccactc ttttgaatgt acaacttttt tttctgaaat acacttttct 120
 aaaaccctct taactggagg tttcctgttt tcttcttgtt ttaactggtg gtttccagta 180
 ggcaaaataa aatgacaggc acac 204

<210> 36112
 <211> 57
 <212> DNA
 <213> Homo sapiens

<400> 36112
 agtgaaagcc accgttgccc ggggatgggt cccwgacact tggggaagta ggagccc 57

<210> 36113
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 36113
 tctagtcca taatttactc aaagatttat ttatggagta gtagttaaga gagtagatac 60
 tgggatgtag attggcctgg gttccaattc tgactccatc atttaatagt tttataatgt 120
 taaagaagtt atttgaactt cttagtgtsa taatttcctt ggcat 165

<210> 36114
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 36114
 agacacacag ggcattgtcc ctccgtcaac agcccctggg cacctcagct cggctcctgg 60

cctgccccca cgccctcac cgctgccac tgcgctaggc tcagccagct gggggcccaa 120
 ggctcccagc tgatgacgag cccacccaact cactcccca 159

<210> 36115
 <211> 473
 <212> DNA
 <213> Homo sapiens

<400> 36115
 atgacaggac cttggtgcgt gttgaatgac atgaagccct ttgctcccta aagtaggaat 60
 tcccaatcct ggtcttccaa tctctgaggc ttgctgagtt ttttcccaac tttttagaaa 120
 ttatgagaaa aaaataatct taatttactt tttattttta aaaatacata gaaaatggcc 180
 gggcgcggtg gcttatgcct gtaatcccag cactttggga ggcccagggtg ggcggatcac 240
 ctgaggtttg gagtttgaga ccagcctgac caacatggag aaactccatc tctaataaaa 300
 atacaaaatt agccgggtgt ggtggcacgt gcctgtaatc ccagctactc aggaggctga 360
 ggcaggagaa tcgcttgaac ccgggaggcg gatgttgtga tggggactct ctatatccaa 420
 tgaaraggac tccctagaaa atgggcagtc cctgagctcc aagccagctg tct 473

<210> 36116
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 36116
 tggcagctct tcatgagtc tgcagtgcta agcaaagtgc agaaattggt gtattagact 60
 atttatcttt gatcttctga atggattgct gtcattggaca cggacacgga tcttcatctg 120
 gttcattgta tttatatgtg agggatggmt ggctgcgggg ctccaagtaa gttattggga 180
 tgttttttat attccagggg tgctgtacat tcttatttta ttttcacaac agctctgtga 240
 tgtaaattgct atctccatga a 261

<210> 36117
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 36117
 tctgtttctt ccttgtgggt gtggggcagg accctctctg gaatgcaggt ctgtcttatg 60
 acctacagtc aaacaagtgc tttggacttc taggggtgaa tggagctggg aagcga 116

<210> 36118
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 36118
 aactgaataa ggaaacaact ttataasmga aacagtggtc ttcaatcttt taaagacatg 60
 aaatcctata tggcattctg tctcagttag tcagttaaca aatacgtatg tgcaaccctt 120
 ctgctaktng tgcacataag tgattatccc tgccaggatg cgagttggaa tatccagtta 180
 tttcatgtca cacatcggc 199

<210> 36119
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 36119
 cacttataag gcctgattgg tcctaccag cttacgggg tggggytttt ttgtwtgttc 60
 agacagtctg ttcttttgta aacattttta gttggaaaaa cagcatctgc attttcccca 120
 tcctctacgt tttagagagg a 141

<210> 36120
 <211> 287
 <212> DNA
 <213> Homo sapiens

<400> 36120
 taattacctg ggcattggtg tgtgcacctg taagtccag ctacttgga ggccaaggca 60
 ggaggattgc ttgaggccag gagatcaaga ccagcctgag caacatagtg agaccctgtc 120
 tctacaaaaa atttaaaaat tagctgggta tgggtggcta tgcttgtaat tccagctact 180
 tgggaggctg tgacaggagg atctcaggaa tttgaggcag cagtgaagta tgattgttgc 240
 acaggctgga gtgcagtagc acagagtaag accctgtctc taaatac 287

<210> 36121
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 36121
 tgcataagmat cccatttttg tacagaattg yaatgggatg gaataggtnm gcaaaagtag 60
 magcccatgt gagttttaca ttgtattcca caatttggtt tcaggwaggc ttggtaatag 120
 actatataaa cca 133

<210> 36122
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 36122
 catgtgggca aagagcaaag atagacaaat atttattcta ttccattggg acagccaaga 60
 aaaattgtgt cagggtttta taagctgtta tttctgtgg ttttctgaa ggtttttctc 120
 ttgggggtgg catgggcaga ttttttttct tcatcctgtt tgtgccatag ctatagctga 180
 gtcaattgcg gctggg 196

<210> 36123
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 36123
 tgagcttttt cacctttcca gtttgcttca aatgctaaat gactgtagaa tgggtcaacgt 60
 tgagttcttt ggcaacctct tgtatagttg atcagccttg atgattgctc tcaattgggtt 120
 gttgtcaact tccaatggcc agccactgtg atcttcatct tcaaggctct tgtctccttt 180
 gcaaaacttc ttgaaccacc 200

<210> 36124
 <211> 135
 <212> DNA
 <213> Homo sapiens

004220.1666T560

<400> 36124
cccaggttca agctattctc ctgcctcagc ctcttgagta gctaggatta caggcgtgca 60
ccaccacacc tggctaattt ttttattttt agtggagacg gggtttctcc atgttggwaa 120
ggctggtctt gaatt 135

<210> 36125
<211> 208
<212> DNA
<213> Homo sapiens

<400> 36125
tctaaggaca atatgaaaac ttaagcatta tgtaggtaga gttgtgctaa ctgtcctgcc 60
ccccagatg gaaaaggaaat gagggggcag gaaaaagtca gtcaaaatgt cagcagccac 120
accctgttgc cttcacaagg accccgtttt atgcagagct ggttctgcta atcatgggga 180
tcgtcagtgc ttcacttccc accccccc 208

<210> 36126
<211> 52
<212> DNA
<213> Homo sapiens

<400> 36126
ttagtgatgt gttaccacagg atgcagcagg tgtgtgcagg tatcttgctc tc 52

<210> 36127
<211> 94
<212> DNA
<213> Homo sapiens

<400> 36127
catttggtga agtgtttcaa agtactcctt tcataagaat accgtgtgtg tgtgtgtgtg 60
tgtgtgtgta attttttttt tttttttttt tttt 94

<210> 36128
<211> 443
<212> DNA
<213> Homo sapiens

<400> 36128
cataaattgc cagcctctgg tgtgttggtg tagcagcaca aaaagactaa gagtcagata 60
cttgtctcac caaaatctca gatgggatga caaaacgatt taaagaaatc aagtttgata 120
gctgctcaga atcttgaagg tccaccctta gtgacagagg cagtcctcaa attcatatga 180
gatgagatgt actgttcaaa aattgtgctt gaaggccact ggccaaatgt ttataacaga 240
tctatctaca tgtcataaag agcgtgaagc cccattttta agagggagct ccagctatca 300
ttaagttcct tctcccaaga cccctcccaa cttctggggg tctaggtccc ctgcttctkc 360
tgccctgdta gctgtgatct gctcctcttg agagggctgg tgtggcaata gcttccccag 420
ggactcagcc ccactcagct cct 443

<210> 36129
<211> 98
<212> DNA
<213> Homo sapiens

<400> 36129
 gaatggccat ctaattttaga tcttagaaaa gagttgtctg aaccaagcag cacgcgtatc 60
 tatgccattg ccaaggttaag atgttacaag gggccaca 98

<210> 36130
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 36130
 actaaagtaa gtgaaattta tttttaaacg tagcttttctt cattcataaa gtttatgttc 60
 attgtaggca gtttggaata cagcccataa tctcaccact cggagattac attgtgaata 120
 atttggata tttcctttta gaaatatacc aaattatcct ttttccctct gagtgtatga 180
 atatttataat ttgtttttta cataacttgag ctcatagtgc tcagtatttc caacgttctg 240
 tttattttaag atgaaaattg ctgtagttaa taagcacttc cccatgtcat taaaatgctt 300
 aaggattttt aatgaccaca taacagtcca taatatgatt aaacccaat knactgaatc 360
 aatgcccc 368

<210> 36131
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 36131
 cccgtaaaact ctacttccaa tgtgctgact attccagaat gtaccccttt ttctccatct 60
 ccagcgctaa cactccgtcc cagctcccat cacttctcct gaacttccgc agtgtcgact 120
 ccacccttta attaattaat tctccgtaaa gcagctggag cgatttttgt aaaacagata 180
 atgcagtttg aaaatggcca aaggtagaac gcttttacac tggtggtggg aatgtaaatt 240
 gggttcagcca ttgtggaaga cagtgtggtg attcctcaga gacctagacc c 291

<210> 36132
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 36132
 aaaaactatg cctcaagatt gcttggccca ctccaaagca aagcagctca ccaagccact 60
 ggtaaaactct gtagctttca catctgacgg aaaactcccc cagaagagcg gactacaggg 120
 aggagtgtga agattataca agcagatttt acaaaaagatg acatctacga gertattaaa 180
 gaaaaacttg caggctttaga aattggaatt ttagtcaaca atgtcggaaat gcttccaaac 240
 cttctcccaa gccatttctt gaacgcgccg gatg 274

<210> 36133
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 36133
 atatctgccca aagctgttca ggataagctt gaccaaattg ttttcatttg ggagaacata 60
 cacacactgg tggaagagag ggaagccaaa ctactggatg tgatggagct agcagaaaag 120
 ttctggtggt gatcacatgt cattgatagt tansattaaa gatactcaag atttcatccg 180
 ggacctggaa gatcctggaa ttgatccttc agtagtaaaa acaacagcaa gaagcagcag 240
 agaccataag ggaagaaata gawggactac aggaggta 278

<210> 36134
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 36134
 cttttgcaat ctttttagta tatttcactg agtaagataa aggaaataca tcatgtagcc 60
 agaaattatc agtagcttac ttctctgata gtaggtaatt atagtg 106

<210> 36135
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 36135
 ggccgggcgc ggaggctcac gcctgtaatc ccagctctca gggaggctaa gaggcgggag 60
 gattgcttga gccaggagt tcgagacctg cctgggcaat atagcgagac cccgttctcc 120
 agaaaaagga aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 180
 aaaa 184

<210> 36136
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 36136
 gaataatttc tataagcagg aagaaaacat gacttggtca ttagcctgtg aaaaaatcat 60
 gaaaacatct atggagattt aaaagtataa ataagggtgt atggttcttt gggaaaaagc 120
 agcagcctca tacgattaac tatgtattta cagggttttc caccttcctt tgtttattgt 180
 ttgcttggtt gtttatattc cataaaagac ttgagttagc taggctaggc 230

<210> 36137
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 36137
 aaactttcca aacttttgca tgagaaacta gaaaaaggaa tgtatgccac gtaactggat 60
 tacagaaatg agttaattgt ctctgtgata aaaaaaaaaa atgaaatatt tycttaattg 120
 aawtwaawat tttkgycttg aagcatttgc tagtgatagd dtgwatttgy ctttttycct 180
 ggkggcact 189

<210> 36138
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 36138
 tacttcaatt gacttccgtg catttaactg atttgcttcc gctgcgttct gtgtcgacgg 60
 ggcgcasagc atgcctgggg ccagagctcc tctgacctcc agaaattcat tcctgcctga 120
 aggkgtgggc ctctttacat gcaggctatt tctgaacaag tagcatctgg gagcaagcag 180
 tgagaaagcg aggggaaaac tgacaaaatc rrtcvsgcaa gctccccga gtccctttcc 240
 ttcnngyttt ctgagaactc acaatcaagc cctcttgccct ggtgcgcatt caccgctggt 300
 gggcctttgc a 311

<210> 36139
 <211> 65
 <212> DNA
 <213> Homo sapiens

<400> 36139
 caatatgcta tgtttttcct ttgtgggttt ctgtatctat gttttatctc attttttttt 60
 ttttt 65

<210> 36140
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 36140
 agaaacgggg ttccaccatg ttggccagga tgatcctcaa tctcctgacc tcgtgatcca 60
 cccgccttgg cctcccaaag tgcgggatta caagcgtgaa ccaccccgcc cagccg 116

<210> 36141
 <211> 102
 <212> DNA
 <213> Homo sapiens

<400> 36141
 ctagcagagc tgtctcttca gccagtgatg agacacaggg agggcagccg ggagcgctcc 60
 agatggccgk ggaaagtggg cgtcttgggt tactgcaggg ca 102

<210> 36142
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 36142
 agaaataaac ggcatttgat taggaaaaga ggaagtcaag ttgtctctgt ttgcagatga 60
 catgattgta tatttagaaa accccaccgt cattgccgc ccc 103

<210> 36143
 <211> 446
 <212> DNA
 <213> Homo sapiens

<400> 36143
 caaatatttc gtttgtgaat gaaaatacat tttgtaattt gtgaaacaaa caaccacaa 60
 taccattgtg ctggggccct ggggtgtccc tgacaccctt tcagagagtc cttggagtca 120
 cagatatattt caaaaaatgc taagggttat ttattaactt ttcttttctt gaattgatgc 180
 atatttttaa aatttctcag tttaaacatc taaaatggta aaaatatacc akatatcatc 240
 cacataaaca aagctcattg atgttctcag tcatttttag cagtgtaaag gggtcctgag 300
 accaaaaagt ttgagaatgg ctaatgtatt tcatcagcaa actaaaaaca tttattaagc 360
 agctttgtat ttccagtcct agtactagtt gtgtagaatc ggtggcagaa ctttgcctca 420
 cagtttagag gtgaagacat acttct 446

<210> 36144
 <211> 55

<212> DNA
<213> Homo sapiens

<400> 36144
aatcttacag tctcttgggc caccctctct accccatttc tgagtttttt ttttt 55

<210> 36145
<211> 88
<212> DNA
<213> Homo sapiens

<400> 36145
gtctttttct ttccaaaaaa ttgcttttag atctacagat ttcacacagat ttgggtttga 60
tttttttttt tyccccaataa aaatattt 88

<210> 36146
<211> 289
<212> DNA
<213> Homo sapiens

<400> 36146
cagcaatgca agaatgcact aataacgaat ctaggtcggg cacagtggct cagcctgta 60
atcccagcac tttggcaggc cccaggcagg aggattactt gaactcagga gtttgagnmc 120
cagcctgggc agcataacaa gaccctctcc atgttggggg ctctttaaaa acacacacag 180
ctgggcgcgg tggctcacgc ctgtaatcct agcactttgg gaggccaagg cgggcggatt 240
acctgaggtc aggagtgcga caccgcctg gctaacatgg tgaaacccc 289

<210> 36147
<211> 100
<212> DNA
<213> Homo sapiens

<400> 36147
ttgcctgccc cacttgaaaa atggggctga ccgggctcac gtgggctgac ctttcacgt 60
ggcagctgtc atgctcacat cccgcactcc catgcctgcc 100

<210> 36148
<211> 127
<212> DNA
<213> Homo sapiens

<400> 36148
ccatttcaat ttgggtgtccc ctatacatat ccaaaactag catcgattgg ggttgttttg 60
aactaatggg tcttgtcctc aagcagcact attttgttca aaataaaata gttgagagca 120
tgcccct 127

<210> 36149
<211> 123
<212> DNA
<213> Homo sapiens

<400> 36149
atgggttctg gtcacatggg gccgatgaca cgtccgcctc tattaaccag cgcactgacc 60
tgggcacctc ttatttggac attgccaag gcgctgtgga gttattcttg aagctgcgtg 120

ccc

123

<210> 36150

<211> 241

<212> DNA

<213> Homo sapiens

<400> 36150

gatcaagctg	gaacaggagt	tccgatcgac	ccggtaccaa	gaaggggagt	gcccgcggca	60
ggtaagggac	dagagggagg	ggtttctttc	cgctctcgaa	attgggaaaa	gagacagagc	120
tggggatgac	ctatggggta	gtckgcgcgc	tgaaaggatg	ggctgggctg	ggacgggggt	180
caagtgggaa	aggttgatga	ttaaggtata	gagttggact	tacagatccg	tttkggcgca	240
a						241

<210> 36151

<211> 291

<212> DNA

<213> Homo sapiens

<400> 36151

attggtgaag	ttcataagaa	ctattttgtt	ggagtgctgc	aggmcaaaaag	cctgattgca	60
gggtggtgat	tccactgaag	caactgccaa	accaaagaga	agtttttatg	ctgccagggg	120
tttgtaacaag	taccgacacc	agtacccaaa	cttcaaagat	atccgatatc	aaaatgactn	180
gagcaatctt	cgttttttata	agaataaaaat	tccattcaag	ccagatgggtg	nttacattga	240
agaagttcta	agtaaattgga	aaggagatta	tgaaaaactg	gagcctcaac	c	291

<210> 36152

<211> 383

<212> DNA

<213> Homo sapiens

<400> 36152

tttggttaag	ccaggaaggt	tagctctagg	gtaagtttcc	ttgatgcagg	aagagacgta	60
agccttgctca	ttgaactctc	aggtggctta	ccaaatagtc	taaaccttaa	ggcagtacat	120
ctctaacttt	gaaaagagta	ggaacaagac	ccttcccrwt	tctgcaggcc	tgtagtggat	180
ccaagtgtct	atttctaact	cccagattgt	tctggtgctg	ctcatcttca	gattgcactt	240
ggagtagcaa	gacaggccat	tcaggaaaat	gctattaaca	gagatgaatg	aatctctagg	300
ccataactag	tataagaaac	ggttttcaat	gtggacatgt	cctcattttt	gtaaggaagt	360
ataacagaag	tccaagttgg	tcc				383

<210> 36153

<211> 144

<212> DNA

<213> Homo sapiens

<400> 36153

caagcaattc	tcttgctca	gcctcctgag	tagctgagac	tacgggcgcc	cgccaccatg	60
cctggctatt	tttttgtatt	tttagtagag	atgggggttc	acccgagatg	gtctcaatct	120
cctgacctga	tgatccgcct	gctt				144

<210> 36154

<211> 190

<212> DNA

<213> Homo sapiens

<400> 36154
taacacgtga atatTTTtGct aaaaaagcat atataactat tttaaatatc catttatctt 60
ttgtatatct aagactcatc ctgattTTTta ctatcacaca tgaataaagc ctttGtatct 120
ttctttctct aatgtttgtat catactcttc taaaacttga gtggctgtct taaaagatat 180
aaggggacaa 190

<210> 36155
<211> 142
<212> DNA
<213> Homo sapiens

<400> 36155
aaattcagat ttaatccttg agtgaaatga gtcactggct catccagtta agatcatcac 60
ccactttcct aacaaaactt ctcttcaaag aaggactcgc tcatccatca ggtggacctc 120
cacaggaaca aatcatatcc at 142

<210> 36156
<211> 193
<212> DNA
<213> Homo sapiens

<400> 36156
tagtcagaga ttgtatgaat tagtcccttt ccagggtcaa agttcttaca catgaagtga 60
gtgtgactag acttcagatc tccaaaacct caccaagaac aatccatgga gctacaattg 120
cctctgcwta aattcttggg acctgaagat tctaatttgc acacttgakt gagttatacc 180
taccctggcc ttt 193

<210> 36157
<211> 147
<212> DNA
<213> Homo sapiens

<400> 36157
cgcttttcct aaacaaagtt ttacaccac gtacaatctg aatagacacg caactttaaa 60
ccagctagtG ttacagactc taaagtagag gcataatctt ctagatcaga atctggattg 120
gaagtgggat aaagaaatct tgacccc 147

<210> 36158
<211> 471
<212> DNA
<213> Homo sapiens

<400> 36158
gttttGtcgc cgggtGtcga gtgcgaggat ggcgcgcggg gtgtagcggc tctctgcgca 60
ggccgagtgg gccagagaa gcgaggaact ccgcagctcg tcgacacgtc tcgtctctg 120
tcccaattca gggcttgggt aggtgactcg yggtcgcggg tgactcgccg gcaggacact 180
gcctggaacg cctggagcgc ctcccactgc agacgtctgt ccgcctccag ccgtctctct 240
ctgacgggtc ctgcctcagt tggcggaatg gcggccacgg gagccaatgc agagaaagct 300
gaaagtcaca agtctggagc ccggcactgt ggtcataaca gagcaggcag tggatacctg 360
cttcaaggca gagtttgagc agattgtcct ggggaagcgg gtcatccgga aaacggacct 420
taaacaagaa agctgggtgca ggagctgttg ctgtgttctg cagagctgag c 471

<210> 36159

<211> 229
<212> DNA
<213> Homo sapiens

<400> 36159
tttggttagag atgaggtcct gctatgtggc acagactagt cttatactcc tggcctcaag 60
tgatcttcct gccttggcct ctcaaagtgc tgggattaca ggtgtgagcc actgcaccca 120
gcctaaatgt taammtacat tggcataaaa tttatactgg gccagttga tttctctgcc 180
cagattcatt tggctccctt ctcaaacctc agttgcytgt cctacttcc 229

<210> 36160
<211> 424
<212> DNA
<213> Homo sapiens

<400> 36160
ataattcctt tgaaataatt attttttgca aaaagatcaa taacgaaggt gatgtcagtg 60
tgaggttggg tggggagtgc ctgggtagat gtccttgcac aagtattttg ttgtgtaagg 120
ctgtgatggy cnntgtgcaa gagcgtaggt ttttagagtc ctttgtgata gttgtgttat 180
caggcattca agcgtgagaa ccctctcttc atggccttcc ctgtctgttt gtcaaagggtt 240
tttggttttg tttttttaat attagtact ccattttgat tctgaagttc cttatgctga 300
aatctgtatg atstttttct atgttttagg ctactgata aaacccttat agaaagcttt 360
tttgagagca ccaaaattgt ctgggtacct tcttaggtgt gagactgagc tctctccatg 420
gctc 424

<210> 36161
<211> 382
<212> DNA
<213> Homo sapiens

<400> 36161
tcatttgatc ttcacagatt actataaaaag ggattatttt gcgttcttta ccaccaagca 60
accaaagcct ctctcccccg gcaaataatt ttccaacact cactaacatc aaaacactct 120
acagattcaa taaactttga ttctcatttc ctttccctgag ttctataggc tgaaactctg 180
gcctcttttt tgcttagtcc atttgtatta cattacaaga cttgccgtat actatctttg 240
tatggattta ggtattcgaa gcagcctttg aacttcttat cctttgcttt gtttctttct 300
gcaactggcct tacattctct gctcttttcc ctgcccttcc catgtcttct ttgccgcct 360
ctcgacacct cccctacct ct 382

<210> 36162
<211> 160
<212> DNA
<213> Homo sapiens

<400> 36162
acaactagag atgagtagat gtatttgctt ttttgccttt tattttccca gggcttttag 60
aaaacacttt tattttgaaa taattataga ttcacaggag attgtaaaga ggtgtacagg 120
agagtcccat gaattcctct gctggtcttc ccccatggc 160

<210> 36163
<211> 190
<212> DNA
<213> Homo sapiens

<400> 36163
 atctagaaat gtgtatataa tacaagaggg ggtgactagg cctttcagtt ggtggcaggt 60
 ggatattgat ggaggaggtg ggtatgcaca tgtgggagtg gtgcatgaag agaagccac 120
 acaggcaggc accgggccag aagaggggag tgctggggta tttgggacca agtgggtgta 180
 tggctgcaac 190

<210> 36164
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 36164
 aatgagatgg ttaaaagtgt taattatatt tctctgaacc ttttaataag tgtttaccac 60
 ctctattttc tgttttctga actttgtgtc tttttctttt ctttcttttt ttttttttt 119

<210> 36165
 <211> 66
 <212> DNA
 <213> Homo sapiens

<400> 36165
 ttggygttgt gacgtgkgcc wtagtccca gckactcagt ccckgcagwc ccagctactc 60
 agtccc 66

<210> 36166
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 36166
 tgagagttct tagaagtttg ttggtattcc ttcattccaca gcatccattg ttgaaataac 60
 cattttcagtt tgtgatgcct taactaagaa gccaatgtgt agcctgaaat gcaatcttgg 120
 tagccagttt caatgaagct agagattagt cagaaaaagt tagctgttgg gctttagaaa 180
 gggattttga gtcctgtcat ttctacttgg gagcggc 217

<210> 36167
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 36167
 tgaaaatatt ttataatgga gattgcaact ttcagttatg agttatttga aaaaaatata 60
 tattcacttg gtaaccttta ggggaaaaaa tagtataaat tgttcaatat gctactaata 120
 ttgggttttt taaataatta aactctattt ttattaccag aatctgtctt taactgttta 180
 aaaagacaaa gaaaaagaaa acttggctct gcccttagca cccagtaatc attcaccttt 240
 aatgcaagta atttcagtgc taagggcaaa ctcttgtgtt tgctgatgat gctttaaaga 300
 taatcatgcc aggaaaacta gaaaagctcg c 331

<210> 36168
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 36168

ctgagcattt ggaaaccttg aagggtttgt ggaaagatca ttggtgagac agtgtcaagt 60
gaaaagaaga aaaggccttg ggatctatta tttattttta ttggccaagn agagcttacc 120
ctatttcttt tttttttt 138

<210> 36169
<211> 222
<212> DNA
<213> Homo sapiens

<400> 36169
ttcctgtctt aatttttctt cataaaagga aaagatttga ttttctgag tcatcactct 60
cctgaaatct cagttttact cagacctgtg ctatatagag tattatgttc atgcccattg 120
ctgatgtgga gggagagaca cagacaggag agtgggtgac tgactcagat gtaaatgatc 180
ttattatact tgagctgcaa ccacacctag aaaccttgac at 222

<210> 36170
<211> 88
<212> DNA
<213> Homo sapiens

<400> 36170
aattggactg tggcaktgac atkaactatt ttaagcactt ggccaggctc ggtggctcac 60
gcctgwaatc ccagcacttt gggaggcc 88

<210> 36171
<211> 176
<212> DNA
<213> Homo sapiens

<400> 36171
aattgaacgt ctgtcttgga tattggcttg agcttagata tggcaattcc accagtgatt 60
atttcagtga ttgtgtgaat tgttagaatt aagataattt ggtgttaatt gcagtgatta 120
tktcaagtta taagattgta atctattawa aacgtgttaa ggatggaagg cacaac 176

<210> 36172
<211> 142
<212> DNA
<213> Homo sapiens

<400> 36172
gcwaaatggc tgtgcagaaa agcatgcggg atctgcccaa gcggggcagc ggctgagggg 60
gccctggata mcttcccat ctcttgctgc ctctgkcca gatcggggga gctggagtgr 120
angctggctg tcaaatatcc ga 142

<210> 36173
<211> 115
<212> DNA
<213> Homo sapiens

<400> 36173
gttaaattga cgattggact tccaaaacag gccatttcat ttttcatttt ttaacagcat 60
gcttkaacaa cagtgaywtt ggatcttagc aagctcatat cggtggagca agttc 115

<210> 36174

<211> 61
<212> DNA
<213> Homo sapiens

<400> 36174
tcactacttg gtaasrtcac cattaccacc ttctgaatct cccacttkck aagtctactc 60
t 61

<210> 36175
<211> 69
<212> DNA
<213> Homo sapiens

<400> 36175
ttgtagcctt ctgkwatagt ttgaagtcag gtagtgtgat gyctctagct ttgttatttt 60
ggcttagga 69

<210> 36176
<211> 261
<212> DNA
<213> Homo sapiens

<400> 36176
tctccttggtg ytaagtattt dacatacggt atgtcattat gtgtgtacat ttccatkcaa 60
ccctatgaat ggwtgttttt agttttttatc tctgtttttat gtataacgaw akkgatgtgc 120
agaaatcaka tgaattagat gtttkwatgc gcactcgarc ttaccgtwtc tttttcacca 180
cctgtatcgc taatcctctt aactggcagg watggggcaa gtcawtttca vsacgcgagt 240
cttaggctaa atctgtttat a 261

<210> 36177
<211> 116
<212> DNA
<213> Homo sapiens

<400> 36177
ttagctttct ttccgtctgt ctcaacagct gagatggggc cgccaaggag tgccttcctt 60
ttgctccctc ctagctggga gtgacgggtg ggagtgtgtg tgcccagggtg ggggca 116

<210> 36178
<211> 325
<212> DNA
<213> Homo sapiens

<400> 36178
ttaaactaga atttaggcat caagaacact cttggctggg cacagtggat catgcctgta 60
atcccagcac tttgggaggc cgaggcagga agactgcttg agcccaggag ttcaaaaacta 120
gccttgtaaa cacagcaagt ccccatcgct acaaaaataa taddttagcc aactatgggtg 180
gtgcatggct gtagtcctat ctacttagga ggctgaggca ggagaattgc ttgagccccg 240
gagttccagg ctgcagtaag ctatgatcac actactatat accagtatga gcaacagaac 300
aagaccttgt ctttatttta atttt 325

<210> 36179
<211> 267
<212> DNA

<213> Homo sapiens

<400> 36179

tgtttacaaa	agtatcttga	atgtgataga	gcttatgttg	agaaataatt	tttaatcttt	60
taattccatt	tttccatgaa	ctttttgaag	tccccgtata	catacttttt	catggtgaga	120
acacttataa	tctactgtca	gcaattttca	aatataaaaat	atattattaa	ctgtagtcac	180
catgatatac	agtagatctc	ttgaacttat	tcctcttttg	tctgaaattt	tgtatgcttt	240
ggccaacatc	tccccaatcc	cccagac				267

<210> 36180

<211> 360

<212> DNA

<213> Homo sapiens

<400> 36180

tgaggagtaa	gcttgtaatg	tatttggtga	actgcttctt	tctgtaattc	taagcaggag	60
caagcagtaa	actaattttc	agatttcaga	aaagtccatc	agtgcaggca	gagcttcctt	120
tttgtttctt	gacaaatagt	ttgttgacac	tgaaaacaaa	agatgtgttt	tctggcactg	180
tttcaggcnt	tctttttgrg	aacaagctgc	tctgtggatg	tgttcagttt	ctactatttc	240
aaagtccagt	gggtggcatt	tacatgggtt	ttaaactatc	tttagttatt	aacattgggtg	300
ttattatttg	taattattca	tgatagtaat	gcttagtgag	tatctgggta	tacagggcac	360

<210> 36181

<211> 118

<212> DNA

<213> Homo sapiens

<400> 36181

agatgaagcc	accctggccc	gtctggatct	ggagaggaag	attgagtcgc	tggaggagga	60
gatccggttc	ttgaggaaga	tccacgagga	ggagggttcg	gaamtccagg	agcaggcg	118

<210> 36182

<211> 300

<212> DNA

<213> Homo sapiens

<400> 36182

ttttgagtta	acttggttat	ctgtattaag	caaaaacaca	ggcagaacat	tttattcctt	60
tgtttttctt	actgcctgcc	tcaagtgaag	ggtagatatg	aaaamcttga	cttgaatgaa	120
taaaacatct	ggactacaaa	ttattaccca	gaagttcagc	ttctctaata	tatttcgatt	180
cctctctgtc	ctgcatgtag	aagccnagtg	caaatgcctt	aaaagtaatt	ctaggcatag	240
ctgttaattt	ggttttctaa	ttatttagtt	ttacattcac	acaagtagcc	aatgcatacc	300

<210> 36183

<211> 148

<212> DNA

<213> Homo sapiens

<400> 36183

gaagattgga	aatttggaag	aagaaaacaa	aaccctatcc	aaagaaattg	gtatatataa	60
agaatcttgt	gtccgtctga	aagaactaga	aaaagaaaat	aaggarcctt	gtgaaaagag	120
caactattga	tataaaaacg	ttggtatc				148

<210> 36184

<211> 344
<212> DNA
<213> Homo sapiens

<400> 36184
ttaggaaagt tgâaaatcta agattttgag aaactgaaaa agaaggcggg gcacagtggc 60
cggccccctat aatcccaaca cttcaggagg cctaggtggg cggantgttt gagttcagga 120
gttcaagacc agcctgggca acatggtgag actctgtctc tactaaaaat acaaagaaat 180
agccaggcat ggtggtgtgc gcctgtggtc tcagttactt gggatgctga gatgggggga 240
ttgcttgagc acagggagca gaggttgagc tgagccaaga tcttgccact gcactccagc 300
ctggtgacag agcgagaccc tgtcccaagg awaaaaaaaa gaaa 344

<210> 36185
<211> 198
<212> DNA
<213> Homo sapiens

<400> 36185
gacccacaga atgagcttcg gggaggcagg gccagagaac caccagrc aacaaacaa 60
aacaataagc ccagcaacat ggagggamag aaacagggtc tcactacatt gccaggctg 120
gtctcgaact cctgaactca agtgatcctc ccacctcagc ctcccaaagt gctcggatta 180
caggtatgag ccacccaa 198

<210> 36186
<211> 94
<212> DNA
<213> Homo sapiens

<400> 36186
ttcagtttcg cattcagtga cacccaagct ttgaatctgt gaagtagact agcccattta 60
atatgccaat taaaaatgga ttgatctact ttga 94

<210> 36187
<211> 324
<212> DNA
<213> Homo sapiens

<400> 36187
ctactcggga ggctgaggca ggagaattgc ttgaacctgg gaggcggagg ttgtagttag 60
cagagatcgc accattgcac tccagcctgg gcaacaagaa cgagactccg gycttcaaaa 120
acaaaacaaa caacaacaac aaaaaaacag cctcccagacc cccaggcctc acaaagctcc 180
tcactacttg atcccagccc cggctcttctc ccgaggccct ctgcacaggc acgactgctt 240
gtggagactc gttgtctcct gccagatctt aggccvntgg agggcgaggc ctgggcttct 300
cacacgtcba ccattcccat accg 324

<210> 36188
<211> 231
<212> DNA
<213> Homo sapiens

<400> 36188
tacaaaaatt agccaggcgt ggtggcatgt gccwgtaatc ccagctacta gggaggctga 60
ggtaggagaa ttgcttgaac ccaggagacg gaagttgcag tgagctgaga tttgtgcmac 120
tgtacttttag catgggcaac ggagcaagac tctctcaaaa aaataaataa ataagagaga 180

aagatagtgg tgggggttggg gaaagtaaga ttttttttta atgaggtgga a 231

<210> 36189
<211> 142
<212> DNA
<213> Homo sapiens

<400> 36189
atactaaggc tccttcagct aacagacccat tactttctcct ttgctttccc ctttctcctc 60
tcaactgcctc tcttctgtca gcattctcatt tcatcagttt gtgcgtctta tttcatgaaa 120
ccaaactgtg agaagatgct ga 142

<210> 36190
<211> 447
<212> DNA
<213> Homo sapiens

<400> 36190
tgaggactgg ttttacaaat ataccaagta gatatggaac taataataga attggacaac 60
caagaccatg atagactcta acttattttt ataaggaata ttgactcctt ggcttccaat 120
ttatttagta atccaacttt gcattgactg tttaatcatt tactctaaat gttagataat 180
agtagtcttg ttcacatttc atgaaaccta tgaaactata tttttgtaaa atgtatttgt 240
gacagtgaaa tcctcgtaaa tgttaaaggc tttaaatagg cttccttttag aaaatgtgtt 300
tckntaaatt tggatttttg tatcttttgg tttgtagttg actgcagtgt gatgtgacct 360
tacctttata agagccactt gatggagtag atctgtcaca ttactaagat acgatatnrc 420
tttttttttc cgagacggag yttgctc 447

<210> 36191
<211> 208
<212> DNA
<213> Homo sapiens

<400> 36191
tatgcatatg actcatcaat atatctgtat ttccatatag aaagaacact tagaccgggc 60
acagtgactc acgcctgtaa tcccggcact ttgggaggcc ggggctggcg gatcacttga 120
ggccaggagt tcaagaccag cctggctaac atggcgaaaa ccctgtcact actaaraaat 180
acaaaaatta gcctggtatg gtggcgca 208

<210> 36192
<211> 92
<212> DNA
<213> Homo sapiens

<400> 36192
ccatccacaa gtttcagggg aatccccaag gccacgcaca tttctgtcca gctggttact 60
aattgtagga ggttcccatg tcccacmctt ca 92

<210> 36193
<211> 198
<212> DNA
<213> Homo sapiens

<400> 36193
taattcttat gtccctaattt tatttaattc tgagttcctt acacagcatt ttagggaaaag 60

aatacaggca	ggatgacact	ttgtgttaaa	gtgttatttt	tatgtattac	ctggaatgag	120
gcagggtttt	ttctgttttc	taaaaagagt	aaccaagata	cctccagggt	gtcattgggt	180
tccagctgct	ctcctcca					198

<210> 36194
 <211> 54
 <212> DNA
 <213> Homo sapiens

<400> 36194	atagcgctcg	gagcgctctt	gcggccacag	gcgcggcgctc	ctcggcgggcg	ggca	54
-------------	------------	------------	------------	-------------	-------------	------	----

<210> 36195
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 36195	ttaaaattac	atcatgaagc	agttataatt	tccccattt	tacaggatca	aagaaattga	60
	ggtttaggga	gacatgatta	gtaagtgcc	gagctaagat	ttacatawgk	ttttaactga	120
	cctcagagcc	aggacgcgga					140

<210> 36196
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 36196	tgcccattac	tgtgagggac	ccttgaagtc	tggactctta	aatgggtttt	tgctgatttc	60
	ctgggtgcat	gctaggatga	tggggcttga	tgtagtaggg	aaagagacct	ttwaaataat	120
	tttgctataa	aaaaatttgt	gataagtttc	tatcaaaatg	gggagattgc	agaaaaggct	180
	tcccttggct	cccaaggagg	tgca				204

<210> 36197
 <211> 448
 <212> DNA
 <213> Homo sapiens

<400> 36197	cacttgga	cttgwkgcca	tgctgggtta	ttaattggcc	taatttcagt	atcattgtgt	60
	ctcagggaat	agagacactc	aagagcagaa	acataaatgg	gggaactact	grtcagtgga	120
	gcagcccgtg	cacacacaac	attnwtcgat	taagtttgca	atcgtatatg	agtatgattt	180
	gtgctgctcc	caatcaattg	caatgctaac	atcaaagatc	actaatcaca	tatcaccata	240
	kaaataataat	aataatgaaa	aagtttgaaa	tattgtgaga	attaccaata	tacgacatag	300
	tgacatgaag	tgagaatgtg	ctgttgga	aatgacagat	aaacttggtc	gatgcaggat	360
	tgtcacaaac	ctttaatttg	tggaaaagggt	aatatctgcc	aagctcaata	dagcaaagggt	420
	cagtaaaaca	ggtatgccta	taccatwa				448

<210> 36198
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 36198

tcaataaaaa	taataaacta	caagtaaata	caacaacatg	tatgcatctc	aaatacagta	60
tatttttgtg	gagagaaaga	caccaaagag	tacatactat	ataatttcat	twatatgaag	120
ttcaaaacta	ggcaaaatta	acctgtgtta	ttacagaaaa	caatactaata	tgccctatgag	180
tattggcagg	aaggggcatg	agagagcttt	gtgggatggc	agaaatgctc	tacatttctga	240
tgggagtgtt	ggtttcaggg	ggac				264

<210> 36199
 <211> 120
 <212> DNA
 <213> Homo sapiens

<400> 36199	
aagccccgg	gcagcttggc
ctggcagctt	cggagcccac
cgagccgggc	ggctaggatg
atgaaccgga	crmccccga
	60
	120

<210> 36200
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 36200	
ttttaagaag	gataattttc
ccttatcatg	agctaaagat
acaacngtct	caggacgagg
taggtttaat	agaagatttc
tgaaaggtag	cg
	60
	120
	180
	212

<210> 36201
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 36201	
cagtttccca	catccttgct
tattggttgt	gaagtggat
caggagtgat	agtacttta
cctaggaatg	gttcttgacc
	60
	120
	180
	202

<210> 36202
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 36202	
ttgactagcc	aatttttaaat
atgcgaagag	agaggtaaaa
aactagtaca	accactatgg
taccattcga	tccagcagtc
atgaaaaaga	tgcatgtaca
ggaaccagcc	cct
	60
	120
	180
	240
	300
	313

<210> 36203
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 36203

tttttccatg	gtctccctct	gatgccgagc	tgaagctgga	ctgtactgct	gccatctcgg	60
ctcactgcaa	cctccctgcc	tgattctcct	gcctywgct	gccgagtgcc	tgcgattgca	120
ggcgcgcgcc	gccacgcctg	actggttttc	atattttttt	ggtggagact	gggtttccct	180
gtgttagccg	ggntgggtct	cagctcctaa	ccgcgagtga	tccgccagcc	tcggcctccg	240
gaggtgcccg	gattgcagac	ggtgtctggt	tcaactcagt	ctcaatggtg	cccaggctgg	300
agtgcagtgg	cgtgatctcg	gctcgctaca	dbbtccacct	cccaggcca		349

<210> 36204

<211> 367

<212> DNA

<213> Homo sapiens

<400> 36204

cgaaataagt	tttctggtga	ttcaaacacc	agttcccctt	tgtaagattt	cctaatacata	60
gagataatct	aagaaaccaa	attagtgtgg	aatctttgca	garagagaat	krdtttgawt	120
gtantcargc	aggggacgga	gaaagaatgc	tagaatncta	ggggaatgca	catgccagta	180
ccccagtcag	tattactctc	caattctgta	gaatccacag	ttgcatgtca	ttgttcaaca	240
tgcattgcaa	tgtgtgggccc	aagtttgcta	cttatcaact	aaatgcattt	tatagtactt	300
accatgtttt	gatttttttt	ttdaatcaca	tcaataatgt	gtctccaaat	gactttgtaa	360
ggggggct						367

<210> 36205

<211> 289

<212> DNA

<213> Homo sapiens

<400> 36205

cgtattctgc	atgagagggg	gaaactgaat	gctatgagcc	actgtatgaa	agtgctttat	60
ttgtgctgtt	gataagagca	catgagctca	tttcacgtag	acamcttctc	ctggwtgghm	120
atttcgtwwg	ataagtgtcc	cammaaggcc	tggttctact	aagctcagtg	gttcatgacc	180
aggaaaagat	gcagccctga	gttgagtga	tatgctgtgc	caatacccta	agtcacctaa	240
acagaatgta	gacaggaaaa	gagaaatgct	tttctgcaaa	tagcggcaa		289

<210> 36206

<211> 217

<212> DNA

<213> Homo sapiens

<400> 36206

cttctctttt	atagctttat	ttagttttat	agattttaacc	actttttttt	tatacttwat	60
gtyctgggat	acatgtgcag	aacgtgcagg	tttgtwacac	aggtatacat	gtgccadggt	120
gattkgtkgm	actcatcaac	ccgwcacwa	ggttttaagc	cctgcatgca	ctaggwattg	180
gtcctaattg	tctccctccc	cttgcccctg	accctt			217

<210> 36207

<211> 362

<212> DNA

<213> Homo sapiens

<400> 36207

cagaatttaa	aagtabwgg	tcttagggat	agactttata	agaaattaga	tatttgcatt	60
tttgacacat	tttgaggcag	taattttaag	atatgtctgt	atagctgatg	gatgcttatt	120

ttacatgaat	gtgttgaagg	ttacaaactc	ttaaatttaa	cattaaacta	cttttattat	180
tcctgtaaag	ctgtgtttac	taaccanndw	catgtagtgg	cacatagaga	aaattgtata	240
taatattaca	cactgtggta	agtgaatcag	cctacggttc	ttgatctcaa	gtaattggcc	300
tagggaccta	ccacctcttt	accttcatgc	tctgcttccc	ctccctactt	actccctcct	360
ct						362

<210> 36208
 <211> 77
 <212> DNA
 <213> Homo sapiens

<400> 36208	
agaacaagyw	60
gtggcbcacc	
caactatgch	
gcaccagaag	
yaatttcagg	
aagattgtat	77
gcaggcccag	
aggwaga	

<210> 36209
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 36209	
taattacaat	60
taactttaga	
gaagcttgca	
atttataaca	
tgtattgggg	
aatctaggac	120
aggcaaactc	
tgtgtcctca	
aaggggagtc	
tttaaaccac	
agatttamca	
aataacaatgc	180
aatatgaaag	
agactgtccc	
cagagacctt	
ggtcctcact	
cctgtcctgc	
agagtctagg	240
cctgtcact	
tttgcctgctg	
ggagttgtcc	
tggatcagga	
agtgaatagt	
ctctttgaga	300
gccacatttt	
taaagagttt	
gggatttatng	
gtacagtttt	
ttagcatgga	
tttttttttt	309

<210> 36210
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 36210	
cagatgtacg	60
ctgttgacct	
taaacttctt	
ttctgggttc	
caaatttcaa	
cctccctcat	120
cagatctcta	
atcagaagtg	
ggcagagagg	
cctcatatct	
tttcagttg	
kccaacmgtg	164
aacctctaac	
ttccatctca	
gacatcttta	
ttgtaagatg	
aatt	

<210> 36211
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 36211	
ttatactttt	60
agatttttaca	
tttaagtctt	
taatccatgt	
cgagttgatt	
tgtgtatatg	120
gtgaaaggta	
gggatccagt	
ctcaatatcc	
tacttgtggc	
tagccagtta	
tcccakbacg	180
atattattgaa	
tagggagtcc	
tttccccagt	
gcttgttgtt	
ttcaactttt	
tcaaagatta	240
gttggtggta	
ggtgtgcacc	
tttgtttctg	
ggttttctga	
cttgttctat	
tgggtctatgc	300
atcagttttt	
gtaccagtac	
catgctgttt	
tggttattgt	
agccttgtag	
tatagtttga	325
aatcaggtag	
tgtgatgcct	
ctggc	

<210> 36212
 <211> 264
 <212> DNA

<213> Homo sapiens

<400> 36212

taggagctca	ttgcagtcac	tatTTTTgtA	agagacgagg	gcctgaacca	gtcgttggtg	60
gcaagattgc	TTTTgagaga	gatccccaaa	gccccaaagg	cagggtttgc	tgamtgwggc	120
acctagagga	ggagatccaa	aaggatgatt	ctgaggtttc	tactgcaggc	acccaggtga	180
tggtgaatct	gttaaccgag	acaggggagc	aaattcgaag	tgctgtcag	gactttcaca	240
aggagttatt	cagcaggaga	cacc				264

<210> 36213

<211> 292

<212> DNA

<213> Homo sapiens

<400> 36213

ccttgaaaac	TTTTtaggcc	aggcgtgggtg	gctcatgcct	ataatcccag	cgctttggga	60
ggctgagggtg	ggagcatcgc	ttgagcccag	gagtttgaga	ccagcctggg	caacmatggt	120
gaaactctgt	ctctacaaaa	gacacaaata	ttagacaggt	atgatgggtg	ctagtcccag	180
ctactcggga	ggctgaggcg	ggagaatggc	gtgagccggg	aggtggagct	tgacgtgagc	240
caagattgcg	ccactgcatt	ccagcctggg	tgacagagcc	ggactccgtc	tc	292

<210> 36214

<211> 163

<212> DNA

<213> Homo sapiens

<400> 36214

ttatatgcaa	tggaacaaa	aaaaatgtgt	gtgactcact	ctattgtgat	attcagttta	60
ctgcagtgat	gtggaactaa	gcccacaata	tccctgcagt	atggctgtta	cagtataaga	120
atcacctgaa	gggcttatta	aaaacagctt	gcttgacccc	cta		163

<210> 36215

<211> 220

<212> DNA

<213> Homo sapiens

<400> 36215

caaataaat	ggaaattggt	aaatggacaa	aagctagcta	gtaaaaagga	cgaccagca	60
acatgcttta	acccattgt	atgtttgtgg	aaagagcata	gtttaacatc	ttgagwaatt	120
tgggacatad	agttttcatg	gtagacagtt	catgcagtat	atgvattgac	ataatggama	180
taatctgatt	ttatttktac	aactaacatc	cattcccctt			220

<210> 36216

<211> 71

<212> DNA

<213> Homo sapiens

<400> 36216

cattcagcag	caccactgt	gcctkctgta	gcatttccat	ccacctgaca	gtatgtatct	60
ttgttacttc	c					71

<210> 36217

<211> 82

<212> DNA

<213> Homo sapiens

<400> 36217

ctctgttctt ttctctccgc ggtgtgtgtg tgcgtgctgc cgtgtgtgtt ttcttcttct 60
cctcctcctc tccccgagtt gc 82

<210> 36218

<211> 146

<212> DNA

<213> Homo sapiens

<400> 36218

taaatatact taaatdtaca atgttggttac ccgtaatttt cccctgtgc tattgaatac 60
tagaacttat cccttctatt taactgcatg tttgtgccca ttagccarcc tctctttatc 120
ccccttccca cccacacra cctcct 146

<210> 36219

<211> 135

<212> DNA

<213> Homo sapiens

<400> 36219

tcgmccaatt ttccrgatc tctgtttgtg gtgaggtgta attatgtgtg ttttctctag 60
cttagtgtgt gcgttctttc tttttgtttc tgagaatgct gtgttgaggg ggtttttgga 120
gaaaacggwg gggtt 135

<210> 36220

<211> 385

<212> DNA

<213> Homo sapiens

<400> 36220

tgaacatgt acatgtctag tgttgcatth ttttttcttt tttaaactaa attctgtgtt 60
tgtgaataaa tgtcagtgt cttgggtttac ttgctaaaat tctagaagtt agttttcaga 120
actgttccag atacacangc ctttaactgg tgcattgtct gtgatatgta ggacctgttg 180
aaattttaagc agtaaaactct agctccatt attttgaaga gtttttcctc atttcagttt 240
ttttttttcc ccaaaaatca gaggamantt tgwattwatt ttgatttgaa atactgrgca 300
agctagtwat ttwaaatctn ntttccccgt wagagcattt tggagaacct gkggtcaaat 360
tccaccaaatt tgtcttcaaa attgt 385

<210> 36221

<211> 92

<212> DNA

<213> Homo sapiens

<400> 36221

aagactatac ttctagagat catttctata gtgtgttact agagaagttt ctctgaacgt 60
gtagagcacc gaaaaccacg aggaagagag gt 92

<210> 36222

<211> 476

<212> DNA

<213> Homo sapiens

<400> 36222

```
ccctaaatta tttatgtata tcacagattt atgcatataa tacaaatagt catacattcc    60
atatctgtta acttatgggtg gtttthnngg ggtgctttta gtactttatt tttattaaaa    120
tttttcccct actttattga gatataattg acaaaatcat ataaatgtat atgtaacatg    180
atgatttgat aggcaaatat attktgaagt aattabwgca gccaaagttgc ttaacacttc    240
catcaccttt taatagacat ttttagtatt taagtcgcta gttttcaact gggatgaatt    300
tacccccagg gaacattttg caatgcctgg agctggagac attttaggtt gtcacagctg    360
ggaagggggg gctactgaca tctagtgggt agaggccagg agtgctgcta aatatcctgc    420
agtgcamaag gacaagcctg ccacaacaga raattttctg gtgcagtatg tcacta      476
```

<210> 36223

<211> 174

<212> DNA

<213> Homo sapiens

<400> 36223

```
caagaaaaga agagagaaga tccaaataag ctctattaga aatgaaatgg gagatattac    60
cactgatacc acagaaatac aaaagattat tcaagactac tatgaacatc ttcacatcca    120
taaactagaa aacctacagg agatcgataa attcctggaa atatacaacc ctct      174
```

<210> 36224

<211> 220

<212> DNA

<213> Homo sapiens

<400> 36224

```
catgtctgat tcatacact tatattttgc accttcttac cttcttctgt tattaatttg    60
ttgctttttc aacttatatt ttagattgag ggtacatatg caggtttggt acatgggtata    120
ctgcatgatg ctgagggttg cggtatgatt gaacctgtca cccaggtagt gagcatagca    180
cacaacaggt agcttttcaa ctcttgcccc cctctctccc      220
```

<210> 36225

<211> 149

<212> DNA

<213> Homo sapiens

<400> 36225

```
cggtttgaaa gggaagagac aggacctggt agggtttgag aacaggaata cacagaaggt    60
tcatacagtt ggatttgggg gccattccc ctcaggctca cctgttactc ggcctcccag    120
aaagatggat aggagaaatg actacggca      149
```

<210> 36226

<211> 78

<212> DNA

<213> Homo sapiens

<400> 36226

```
ttcgtttyta ackggaacat tyagaaagaa ggmaatgaat gtgcatktya ttaattccty    60
aggggcacaa ggaggaca      78
```

<210> 36227

<211> 141

<212> DNA

<213> Homo sapiens

<400> 36227
cattgcagtc attccctaag tttcttctct tttttttcat ggctgctagt attttatttt 60
agaatcacag actctcagct tagagagtca cagtatctca attatttgct ctgttcaata 120
cttaacaata cccctcact c 141

<210> 36228
<211> 98
<212> DNA
<213> Homo sapiens

<400> 36228
atccacttct aggggttaagc aatcactgca ttgcgggtgg tgcttagtgt gtgcctcagt 60
ctgtcagaca gargccagtc ctatagctcc aatatgtt 98

<210> 36229
<211> 172
<212> DNA
<213> Homo sapiens

<400> 36229
taggagttga gaccagcctg gccaacatag tgaatccccg tctctactaa aaatacaraa 60
aattacctgg gcatggtggc aggcgcctgt gatcccagct actcgggagg ctgaggcahg 120
grgaattgct tgaacccggg aagcggaggt tgcagagagc cgagattgcg cs 172

<210> 36230
<211> 142
<212> DNA
<213> Homo sapiens

<400> 36230
catactgttt ttatttttct ttaatggact ttattaagat atatattcag tgaattgcac 60
ctgttttaag tatacatatt aattttggca aatgtaacca ccaccacatc aagatacaga 120
aaacttcac cccccccaa ta 142

<210> 36231
<211> 70
<212> DNA
<213> Homo sapiens

<400> 36231
atgmataaag awaatatgag atatatatat atatatatat acatacatat acacacagt 60
gaaaattata 70

<210> 36232
<211> 206
<212> DNA
<213> Homo sapiens

<400> 36232
caagaaatta aaaaggtttt aggagctgtg tgccaaaaac taggggtaga gmmctatatt 60
tatctcttat tatttctcac acatgctcat atacaagcat gtatattatt aabwtgaagg 120
araaataaga tgatarccca catacagtgt tagtcattca ctctkacaca ccgttgagg 180
aacaggtata acatttactc tcacac 206

aacctgggtct aagtaacttt ggaaactttt gactggatac tgtaagggtta gagaccaacg 120
aaattgtagc aaatcactgt gctctagatg gtaaattcat ccctcacata cacaacaca 180
aaggt 185

<210> 36238
<211> 151
<212> DNA
<213> Homo sapiens

<400> 36238
tttcttcagc atttccagca tccaagtaaa caatagtcct ttatagtcct gctacttgat 60
gggttaaattt gggtgctggg tttttaagtt gcactcaca taaatcgtgc aaagcattgt 120
catgccttat ttactccatt tttwamcccc t 151

<210> 36239
<211> 109
<212> DNA
<213> Homo sapiens

<400> 36239
gcatctcggg tggacagggt gagagaaaca tgtcattaag gtattgtcaa tatgagccct 60
tcagggtgtgg gcgttcacctt ggwtgtggw tttagacttt caaaggggc 109

<210> 36240
<211> 93
<212> DNA
<213> Homo sapiens

<400> 36240
agatttatgc tttttacgtg aagctgctaa actaaaagta aatggaagaa accaagtcta 60
gtagggttttt tctttttttt tgtgggggag ggg 93

<210> 36241
<211> 162
<212> DNA
<213> Homo sapiens

<400> 36241
tataaaaaact tgaaaaaaa ttctgtcatg ggttcttttc ccctttttatt cattcactgt 60
catgacagtt cccacacagt atgccccagt tatggcttct gcattctcaa aaatccagca 120
gtcttgggaa aaccttttcta tatgagtcac atacacaggc ta 162

<210> 36242
<211> 143
<212> DNA
<213> Homo sapiens

<400> 36242
aaccaggcta ttagattgat agagggagaa aggcagttaa agggtttttt tgttttttgt 60
tttttttgag tcagagtctc aactgtttgc ccggtctgga gtgcaatggc gtgacctcgg 120
ctcactgcaa cctccacctc cga 143

<210> 36243
<211> 78

<212> DNA
<213> Homo sapiens

<400> 36243
agcttctagt agkttccaga aggcggcgcg tkcggttggg aacgcggasa mcgrcattcg 60
wttcaacggg gttccgga 78

<210> 36244
<211> 276
<212> DNA
<213> Homo sapiens

<400> 36244
taaattgttt gccagacatt atatttgaaa cattgtttgc agagataatc tgaggtccag 60
gatggtgtca tcaacattca gagaaggatt atgtttgttc ctgctagcgc ctgtgggtat 120
aaccagtcca ggatcacgct aactcaattt tagagaatga gatgatttga tgcctattgc 180
tgtaggttgg aagtccttca gagttctacc tcaatgtaat aaggctcctg aggtactcaa 240
ccttggtgga ctttagactg tatttcttat ccgcaa 276

<210> 36245
<211> 182
<212> DNA
<213> Homo sapiens

<400> 36245
tatttattat gattccacct caaacatgaa tttatttcaa aaatagtttg ttctagagga 60
ttcaggattt ttctaaatta tcttgtgacc tgggacacac tgtcaagttt tagaagagat 120
taagagaact aaatacatat gccaaagtcac gatttaaggc aaaacagata aaatgtgtaa 180
aa 182

<210> 36246
<211> 287
<212> DNA
<213> Homo sapiens

<400> 36246
caagtatttc taagtataaa aaacaaaaca aaaatctctt aggaaatgtc tagacctcca 60
ttcttggatt ccctttcttt ccttttattt taaaaagaa cagtaccctt cttttaagat 120
gctgtcttac attaatgagc atctaattga aagaaggat gagttgcact gaggattaga 180
atagtgggtc gttagtggca ttatctataa atacactcac cttaaattgaa agctaagaag 240
gaaatgtaaa tataatatat atttatattt gatgtaatat ggacawa 287

<210> 36247
<211> 109
<212> DNA
<213> Homo sapiens

<400> 36247
gatctctgct cgccttgggc gcggggccgt gctggcgctg cggtcctcgc gcctgctccg 60
ccgtctggtg gccgccccgg gctgactttg mcttagcgat gcctttcct 109

<210> 36248
<211> 297
<212> DNA

<213> Homo sapiens

<400> 36248

caactacacc	ctcaaccagg	cctaccagga	caacgtcact	gtttttgccca	gtgtgatctt	60
ccagacccgg	aaggacggct	cgctcccgcc	tcacgtgcac	tacaagatcc	gccagaactc	120
cagcttcacc	gagaaaacca	acgagatccg	ccgcgcctac	tggcggcctg	ggcccaatac	180
tggcggccgc	ttctacttcc	tctacggctt	cgtctggatc	caggacatga	tggagcgcgc	240
catcatcgac	acttttgtgg	ggcacgacgt	ggtggagcca	ggcagctacg	tcagat	297

<210> 36249

<211> 262

<212> DNA

<213> Homo sapiens

<400> 36249

aagctcttta	agaaattgtg	tgatagctaa	atatacaatt	gtagtatttg	tagtagtagt	60
ttgagttttc	tgaagtatgt	aaccctgatg	tattcattcc	ttcatttggt	taaataaact	120
ttggcamcat	tactagaaaa	attgtattat	tgagatggaa	actbacaaat	tacttatttg	180
cagtctgagt	ttggttttaga	tatcagtaga	attaacttca	gaactcctat	tccatgttct	240
caacttggtc	actttttttt	tt				262

<210> 36250

<211> 225

<212> DNA

<213> Homo sapiens

<400> 36250

tgtttgagga	tttgaagagt	taatcttcaa	ttatctggat	ttgaaaccag	tctataactt	60
tttaagctag	gaagaagtca	agaataagaa	gattgcaagc	aaagggaag	cttacaaaat	120
ggctgaatcc	ttaaagtgtg	gkcctggct	tctccttggt	aggaagcatt	agacatgggt	180
tccctctagg	gagctgggag	cttttggtgt	agttcaggag	agatt		225

<210> 36251

<211> 150

<212> DNA

<213> Homo sapiens

<400> 36251

agtgtcggct	gccggtgccg	cggcctttgt	ctcgcagtca	ggagggagca	agtgacattt	60
gaggacgtgg	tagtggactt	cagccaggag	gagtgggggc	agctgaagcc	tgcccagrrg	120
gaccctgtac	cgtgatgtaa	tgctggacac				150

<210> 36252

<211> 168

<212> DNA

<213> Homo sapiens

<400> 36252

atcctgacac	gcccacgagg	agcctgagga	gccagtgggc	tcagggcgca	ggcgcaggcg	60
aggggctggg	tggcgggtga	gacagcggcg	gtactgggag	gcgtaggtga	gggtcgcgag	120
gckgcccag	cttctgagcg	agcgcggtgc	ttttgggaak	gcgggacg		168

<210> 36253

<211> 146

<212> DNA
<213> Homo sapiens

<400> 36253
cagatgctat gtgttgatg acatgatgta tataatgtaa gttactaaaa ctttttttgg 60
aagagaaaaa gctagagtag cagatatgca cactaaaagg caaaaatctg gttttacaag 120
ttttataaat aaaaaagggtg gctagc 146

<210> 36254
<211> 120
<212> DNA
<213> Homo sapiens

<400> 36254
cccaaagtgc tggaattcca ggcattgagcc actgcgcccc gtctacacac taattcttgt 60
tagcccaacm gctgtttctgt tctatctacc cctcatttca cgctcaagga gtcataccta 120

<210> 36255
<211> 56
<212> DNA
<213> Homo sapiens

<400> 36255
ccttcccatc ytagtaccat tgyagttata aacatctgca ttttttagaa gcattt 56

<210> 36256
<211> 66
<212> DNA
<213> Homo sapiens

<400> 36256
cttcttcgtc agcctccctt ccaccgccat attggggccac taaaaaaagg ggggctcgtc 60
ttttcg 66

<210> 36257
<211> 146
<212> DNA
<213> Homo sapiens

<400> 36257
atctttgccg ccgctgccgt cgccttcctg ggatnggagt ctcgagcttt cttcgttcgt 60
tcgccggcgg gttcgcgcc ttctcgcgcc tcggggctgc gaggctgggg aaggggttgg 120
aggggggctg gttgatcgcc gcgaga 146

<210> 36258
<211> 445
<212> DNA
<213> Homo sapiens

<400> 36258
tatttgcca aatctagaag taattgggaa gtcggagtac ttactgggaa ggggagtact 60
gggagtgggc atcgtaagac tgttttcaga accaggatcc ccacgttcgg gaagagctga 120
tttatctcw gttattcaca gtcattctt tgactggctc tcttttggga tgattttcag 180
taagagggtg cttactgaa cadgtgatct ccctgcttct agaaacaaca gtaaagaaaa 240

gggaggggta gaagttcatg gaaagattca ttgttcttgc cagtaaacc c tgttatcttt 300
ctttttaagc aaagctttgg aattgggttat ataatgact ttaaaaatac atatgggtgt 360
ctgtaactat gtwatgtaaa tatggrctgt atgatatatt attgtgskkg tgtattgsat 420
aacatataaa ggcctccaac tttaa 445

<210> 36259
<211> 322
<212> DNA
<213> Homo sapiens

<400> 36259
tgtatctgta ataattaagg atcacgccgg gtgcagtgga tccttagcct gtaatcccag 60
cactttgaga ggccgaggcg ggtggatcac ttgaggtcac gagtttgaga ccagccctgg 120
ccaacatgat gaaaccccg tctttactaa waatacaaaa aattagctgg gcgrggtgga 180
ggggcgctg taaccccagc ttctcaggag gctgaagcag gaaaattgct tgaacctagg 240
aggtggaggt tgcagtgagc cgagatcgtg ccattgcact ccagcctggg caacaagagt 300
gaaactccgt ctcaaaaaaa aa 322

<210> 36260
<211> 78
<212> DNA
<213> Homo sapiens

<400> 36260
taagtmgay atgcbdtaga atttaaaggg ggcaatttaa aggggaggca tctttawcta 60
aatttggcag ctttaa 78

<210> 36261
<211> 424
<212> DNA
<213> Homo sapiens

<400> 36261
ttttttctc tgtaattctg ggccgtgttc cggaagcctc gtaagacaaa agcgaacgag 60
aggcggaaaa aaggaagacg ctctctgaag ttggggatgc tggactagtt ttcatactag 120
atccctcgt ggcagcatta aggaacttca cattcttctc acactattca tggaaagtgc 180
ctggaactcc cacagcagca agaaaayttc gctttagtaga gtccttagca catctgtaaa 240
gttttatttg ccaaaatgtg atacatctcc atttctggat cagtcactgt ggtcaagtgc 300
aagacgctct acaggactca acctggggat gnbgtctgtc tactccatcc atatggtcac 360
tttatactga ggttgrnntt tgaactcagc tctgcaccaa gcggaccta tagacatcta 420
caga 424

<210> 36262
<211> 432
<212> DNA
<213> Homo sapiens

<400> 36262
ccctgggtct acctaactta aaatgccagt taatgatctc atgatatgtc ataaaatgtc 60
tgctccactg ttaactctcc actaaaaatg ccagtcaa at tggaaatggg gaggtgtccc 120
gggcaacttg agagtga aaa tagaaccaaa atataaaggg cacacagcca gatgcaacag 180
aataattgtg acctcctggc tttttgaaat agagagttct agatggtcag acaatgactt 240
tgtgaagagg ctggaaggct ttggcctcca cttttggaaa taaacaattg ttgggaaaca 300
gtgaagcatc cagccctcct gctgtgctgc ctcagggccc tttgtggctg tgtgtgcttg 360

tctggcctgt gcttggttga raggtgccat gctcacgtct gccctaattg ataacaaagc 420
gcaacataac ga 432

<210> 36263
<211> 216
<212> DNA
<213> Homo sapiens

<400> 36263
agttttttgaa aatgggtttcc cacttacaaa tatgtctatg ttcttttcag tattttggtg 60
tggaaatgga attgacaagg tgttgtgttg gagcgctcca tcttcagtga ctttgtgttc 120
ctggaggcga tgtacaacca gggattcatt cgaaagcagt gtgtggacca ctacaacgag 180
gtgaagagcg tcaccatctg cgattacctg cccccc 216

<210> 36264
<211> 214
<212> DNA
<213> Homo sapiens

<400> 36264
taactagagt atattaatca tgttttctta ttttctgtat gttatgatac ttgacatct 60
tgggacctg cttgctgggg agagtctgct cttcccaggg ttagctaaat cttagagata 120
gaaaacactt gcccaggagt ccattcttca aatgcaaata aaccaatcca ggccccatac 180
cttcaaccac ctctctact gggccaagcc acgt 214

<210> 36265
<211> 139
<212> DNA
<213> Homo sapiens

<400> 36265
ttctccaatc tagaggtcaa ataaatagtg ctttttttct tcctaatttc attttttacc 60
attcactttt taaaaaactg attaaaaaaa aatacgttac gatgggaggt tttcnvatct 120
tccaatrwat cccctccaw 139

<210> 36266
<211> 96
<212> DNA
<213> Homo sapiens

<400> 36266
gaaagggtcat ttgagtcctt gagttcagaa cctatctctt ctgccaagtg atgacacagd 60
mtatgatcta gctcagaaaa gttttacaat ctgggt 96

<210> 36267
<211> 111
<212> DNA
<213> Homo sapiens

<400> 36267
gaccaatttt tccagatctc tgtttgtggt gaggtgtaat tatgtgtgtt tttcctagct 60
tagtgtgtgc gttctttctt tttgtwtctg agaatgctgt gttgagggga t 111

<210> 36268

<211> 111
<212> DNA
<213> Homo sapiens

<400> 36268
ctatcgaatt gaagctttgt atggccactc agacgcaaat gctgaaaact taccatgcaa 60
actgagttca agtccatagt aaacgttgcc agggactgtg aattgctggc c 111

<210> 36269
<211> 425
<212> DNA
<213> Homo sapiens

<400> 36269
attttcaaga ttggctcctt aaaccaccca caaggcacca gctctgggag aagctgcagg 60
gagaagagaa caaagccctc gctgtgatca ggatgggtgt ctcatacctt ttctctgggg 120
tcattccagg tatgagacag agttgaacct gcgcatgagt gtggaagccg acatcaatgg 180
cctgcgcagg gtgctggacg aactgaccct ggccagagct gacctggaga tgcagattga 240
gagcctgaag gaggagctgg cctacctgaa gaagaaccac gaggaggaga tgaatgccct 300
gagaggccag gtgggtggag atgtcaatgt ggagatwnng cgctgcacct ggcgtgggac 360
ctgagccgca attctgaacg agatgcgtga ccaagtatga gaagaatggc aragaagaac 420
cgctc 425

<210> 36270
<211> 280
<212> DNA
<213> Homo sapiens

<400> 36270
tttgtgtgaa aaatcagacc ttggcagtga ccttgagcag taggatataa ataactccca 60
caagcttagc attccaataa tggaacacta ggcataaatg ggttaaaaac tcccaggctc 120
aagcgatcca ccagtcawgg cctcccaaag tgctgggatt gcatgcgtga gyyaccatgc 180
ccagcctatt ttccacttt ttactcaac aggcctttctc tgaatgcctg ctatatgccg 240
gacccagtgc cttagcamaca cttagtcaca tgcaggggagc 280

<210> 36271
<211> 118
<212> DNA
<213> Homo sapiens

<400> 36271
tagtttaaca aattkaacaa tgaggattaa atgagaaggc aaactgttaa cttctcagct 60
gtcagaatth ggggtggaagg gaataatgga agcctctttt gtgatctgcc cgacctgc 118

<210> 36272
<211> 227
<212> DNA
<213> Homo sapiens

<400> 36272
ccacagatth aaarkactta ctgaatatth taaaggtgat gtcaggaagc ataattttgg 60
gattaatth ctagaatctt atataatgth cactctacta aacacagtac acggttggtg 120
atdggagaat ttcagcrdga gtaatgtcac ttttttctaw taaaacaggc ctactgtct 180
gtaagccagg cctgatcacc tgcctggagc arcgaaaaga gccctca 227

<210> 36273

<211> 192

<212> DNA

<213> Homo sapiens

<400> 36273

ttcaattagg	aaaagaggaa	gtcaaattgt	ccctgtttgc	agatgacatg	attgtatatc	60
tagaaaaccc	catcgtctca	ggccaaaatc	tccttaagct	gataagcaac	ttcagcaaag	120
tctcaggata	caaatcaat	gtgcaaaaat	cacaagcatt	tttatacacc	aataacagac	180
aaacagagaa	cc					192

<210> 36274

<211> 233

<212> DNA

<213> Homo sapiens

<400> 36274

ccacagtaaa	tcttcagcaa	ctcattgtct	ccaccagata	gtatTTTTct	gtaaatgaaa	60
tgctgacttc	gcctcttct	gctgtatgct	catccctgca	ctgagcacag	atatgacaag	120
cagtagccat	gggggaggtg	ggtgacaaag	ataggacccc	gggaggggcg	caggtacatg	180
ctagtttcra	ttaccacagt	attctagaga	cgggttgcaa	tgacaaggga	ggc	233

<210> 36275

<211> 104

<212> DNA

<213> Homo sapiens

<400> 36275

cttatgagtt	gtttatttct	ggaattttcc	atttaatat	ttcagactgc	agtcgactgc	60
gggtaactga	aactgagaaa	aatgaaacca	cagagaaggg	ggta		104

<210> 36276

<211> 75

<212> DNA

<213> Homo sapiens

<400> 36276

actggctgcg	cggcctgcgc	gcghctccmg	ggcggattcc	agccccgagc	gggacagcgc	60
ggcggggagc	gacga					75

<210> 36277

<211> 91

<212> DNA

<213> Homo sapiens

<400> 36277

ccctgtccag	ggaaggaaca	cgcccccggt	gacagccggt	acggcyccgg	gtttgggcaa	60
cctcgattac	gggcggcctc	magccccgcc	a			91

<210> 36278

<211> 105

<212> DNA

<213> Homo sapiens

<400> 36278
gaagggaaaag gaaatagctc tacgagcggc atcctgcctg cgtagggcg gtggaggagg 60
aggcagagag gagtggaggg cggagtagac ggaggaggct gctgc 105

<210> 36279
<211> 73
<212> DNA
<213> Homo sapiens

<400> 36279
attagggctc tggtagggcg gccggcgrac cctwrgggtm wggacgcgac gccggmaggga 60
gcatgaacgc ccc 73

<210> 36280
<211> 250
<212> DNA
<213> Homo sapiens

<400> 36280
gaccagacgg caatcgacca gacggcgatc gggagctact accagctgtt cgcagcggct 60
gtgggcaacg tggaatggct gcgattctgt ctgaaccaga gcctcaggga aatccccacc 120
gaygacaagg gcttcactgc catccacttc gccgcccaat ggggcaagct tgcattgctg 180
caggtcctgg tagaggagta caagtttnvc gtggacctgc tgwvcaabaa tadccakkc 240
accctacac 250

<210> 36281
<211> 83
<212> DNA
<213> Homo sapiens

<400> 36281
gagtatttct tgggaattcc ttcaaagaga attgatagca ttgcagtatt aattaaggga 60
acgtgggaat ttcttcgtgt atc 83

<210> 36282
<211> 161
<212> DNA
<213> Homo sapiens

<400> 36282
tcttttccat tttttgtttg tttgatgaat tattatttct cgtaaacaag gcaaataaac 60
agcaatagca acataaacat ttacaagcac atagatgtag gcataatagt ttgtgttgcc 120
aacataacac atgccaggaa aaacaaaaga aaacagcagc g 161

<210> 36283
<211> 302
<212> DNA
<213> Homo sapiens

<400> 36283
tttggtttat ttggttattt gttttgtttt gtttctctga ggccaatggg tgggagggaag 60
tataaagaag tgtaaacagg aaagccagct gggcctggag ttccaagtgc ccatatttca 120
tcagcttcct ctccataact gtggcaggga cacttaaccc ttccctggct gtgagaagtt 180

attctctgag ggctgggtgag cagaatggga agatctaaga ggcagctcct ttccttgccct 240
 gggttccttta tccctgggaa ttgcaggcca aggattctga gcaatggwga agwcagaagg 300
 aa 302

<210> 36284
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 36284
 caagtatctt ctctgaccaa aatggagtaa aactagaaat taacaagtgg aacttttgaa 60
 actgaacaaa tatattgaaa tttaaacaaca tgcttctgag tgacccttggt gtcaaaggca 120
 aaattaagga gaaaataaaa aaatttctta aatgaaaatt gatacataat accagaacct 180
 atggaatata gcaaaaagtat tgtgaataga gaagtttata gcaataaatg cctacatcag 240
 aaaagaaaaga tttcaaataa attatgtaaa aatggacttc aaggaaaaag aaaagcaaga 300
 gcaagccaaa cccaaaatta ghwgaaaaaa gactggagca gcc 343

<210> 36285
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 36285
 atgggaacct cgccccttct agagtcctgg ccgcttgact cagctaagcg cgaagggtgtt 60
 gtttcttctt gaggtgctgt ggggctggga cccggtctgc agaagggtcca ggggatggcg 120
 tcgggggatt gagaaagagg agaccaagcc ggcgcc 156

<210> 36286
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 36286
 acacaaacca cacagacttt aagccttgtg gagctgcccc ggtgggtgtgt aggaaatttt 60
 ggtagagaaa gaaatagttt gaaagttggt ttctgacaag agga 104

<210> 36287
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 36287
 tatctctatt ttaaraaatc attagaaaag agaagaacat tttataataa caagggtgcaa 60
 tttatcagga agatataaca atcaagctta tacacatcta acaaaagagc tctatgtgga 120
 ttgaagggaac aaaagggaac tcaatratgg dtgaagcctt caatacctac tttcattadt 180
 gactgaagat caataaggaa atagtggcag cactatcagc caactagacc caacagacat 240
 ctatagaaca ctccaccac 260

<210> 36288
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 36288

gagtgggttgw gtctgttcct ccggttaaggg gtgattcgcc gaggggcgcg gaccagacag 60
acctcggggc aggcccggr acccvgagag gagagcccag cccctggtgg aggcggmttg 120
gc 122

<210> 36289
<211> 421
<212> DNA
<213> Homo sapiens

<400> 36289
caattttctt tctttcctgg ttattgcttt tttgtgacct gaggaacttt tgccttcccc 60
aaagtcacaa ggatgacgtt ggtttgctct aaaaacgtca tcgcttttagc ttttatactt 120
aggcctgtaa tgcattctga akgaacttct gtgtatatcg tagtttggtg ttcacttggt 180
aacatatgga katccagtat cccagctaca kttttccaaa aaacttgacc aaatagattt 240
cttggggatc tttgtaatca aaaatcagtt gtgtaangta gaatcataaa tgraaatcta 300
tttcttggtg ctctcttgtk tcattgatgt ctttgtagwn ntttacacaa ggtactgctt 360
ttccttgaaa tctgttgctt tatgatgtta tatcttgaaa atagggttgta ggagcctacc 420
t 421

<210> 36290
<211> 98
<212> DNA
<213> Homo sapiens

<400> 36290
ttggggamcc tgcttawatk cctatatata atamaatata attcttgwat gtttagmtta 60
tgtgaggtct tgattattca gaaagcccwc tggactga 98

<210> 36291
<211> 93
<212> DNA
<213> Homo sapiens

<400> 36291
ttaagattat gcaatattat atataattct caaatccctt aaggagatc agaaactact 60
gaaatataag agatttttgt cacctctgaa att 93

<210> 36292
<211> 102
<212> DNA
<213> Homo sapiens

<400> 36292
aatttattta accagtcctt taggttggtt ccaatwcatt gcagtkagaa atgatgttgc 60
aataagcatc tttatgttca tatckdtgtg tatagatgtg ta 102

<210> 36293
<211> 134
<212> DNA
<213> Homo sapiens

<400> 36293
gatcwwggct cactcaaatt cccccactct gccacttcta ccttttataa cctagggtca 60
twatttaatt tctgtgatca tgaatgrtac cgagggggtg atgatatctg cgtggtaggt 120

tatttatgaa ggggt 134

<210> 36294

<211> 292

<212> DNA

<213> Homo sapiens

<400> 36294

aaaaagttaa aatttaaaag ttcatactgt ggcaccatgg ctcacatctc taatcccagc	60
agtttgtgag gccgagggcg gaggatcact tgagcccagg aattcmagac cagctatgtt	120
accavgaggg agcatagcaa gactccatct ctasaaaaaa tttaaaaatt agccaggcgt	180
tatgbaatgt gcctgtgggc ccagctacct gggaggctga dktgggagga ctgcttaaac	240
ctggkavgtg gaagckgtag tgrgccagga tctcaccact gtgttcagc ct	292

<210> 36295

<211> 109

<212> DNA

<213> Homo sapiens

<400> 36295

taaagggtgat tttattttct tatggacags haaaaagaaa atgassagga gttgggtttta	60
cwcttagagm taagacttca gcaggggctc agaracccca aactctagt	109

<210> 36296

<211> 199

<212> DNA

<213> Homo sapiens

<400> 36296

cagtttttca ccgttaccaa gaatgccacc ctggctgcct ctgagtgtgt tgacttcact	60
acatgtatgt ggagggttcc tgcaggagg gtttcacagt tctgacctca ggtgakctgc	120
ccacctcggc ctccrratt gctgggatta caggcatgag tcaactgsacc cagcgcatga	180
gtaactgcat ccagccmwa	199

<210> 36297

<211> 208

<212> DNA

<213> Homo sapiens

<400> 36297

tagtatggga agaaaactga gacagtctta tattatttat taaaattata ccaatctttg	60
agaaaaatag gattacctgg yagaacttta tgtcaggcac tttccaacac tattwctttt	120
tttgcaattg atctgaaatg ttttaagagct gtataaaatt tttactccat ttgtgggcct	180
gagtcacatg gcatagtcat tgccacca	208

<210> 36298

<211> 359

<212> DNA

<213> Homo sapiens

<400> 36298

attctgcgtc ttccttttagg cwgcggcgag acaatcccca gagccccgm gcccggcctc	60
ggggcagcca tggactcgca ggaattgaag actttgatta awtactattg tcaagagaga	120
tatttccatc atgtattact gggtgccagt gaaggamtta agaggatatgg magtgatcca	180

gtcttcaggt	tttatcatgc	ctatggcaca	ttaacbgaag	gtaaaactca	agaagctctt	240
cgagaatttg	aggctattaa	aamwhaacia	gatgtatcac	tttgttctct	acttgcaactg	300
rtatatgccc	aataaaatga	mgtccwaatc	cagatagaga	agctattctg	gaatcagat	359

<210> 36299
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 36299						
cactatcaca	agaatagcat	gggaaagact	ggcccccatg	attcaattac	ctccccttgg	60
gtctctccca	caacacgtga	aattctggta	gatwmaattt	caagttgaga	wtttbggggtg	120
gggamawagc	caawccatat	cattctaccc	ctggccccctc	caaatctcak	gtcctcacta	180
ttcaaaaacca	atcatgcctt	cctaacagtc	ccccaaagtc	ttaactcttt	tcagmattaa	240
cccaaaaatc	cacagtccaa	agtctcatct	gagacaaggc	aagt		284

<210> 36300
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 36300						
attgacactt	ctctcgaaga	aggagaccgc	gtcccctgcg	ctctcagagc	cgcagcctgg	60
ccaacaagga	tgccagcttt	ctccctgaaa	aagtatccac	tatgccgaca	gtcctttctt	120
ggcttttttg	tgtggtctta	ccacttaagc	atgaatccct	aaacgctata	cttacttttg	180
tctgtgtttg	aacttcatat	tgtgaaaaaa	tagagtggcg			220

<210> 36301
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 36301						
aagttcgccg	ccccgaccgc	cggcaagwac	tggatagccc	tcatacccaa	gggcaactgc	60
acgtacaggg	ataagatccg	gaacgcgttc	ctgcagaacg	cctcagccgt	ggcatcttc	120
aacgtgggct	ccaacaccaa	brdgagcca				149

<210> 36302
 <211> 120
 <212> DNA
 <213> Homo sapiens

<400> 36302						
ggccggggcg	ggtgggtcac	gcctgtaatt	tttaaatttt	tagtagagam	agggtttcac	60
catgttggtc	aggctggtct	cgaactcctg	acctcatgat	ccgcctgcct	cagcctccca	120

<210> 36303
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 36303						
aaattaaaaa	taaatsyaaa	agattacaag	gtaatacaat	gaataagttc	atactatgaa	60
atgacacaac	tttcatgaca	tggaaaaatt	cctagacaca	atctgtactg	actcca	116

<210> 36304
<211> 149
<212> DNA
<213> Homo sapiens

<400> 36304
ttctcctgcc tcactcagcc tcctgattag ctgggatcac aggcgtgtgt caccacacct 60
ggctaatttt tatatTTTTg gtagagatgg ggTtCaccat gttggctagg ttagtctcga 120
actcctgatc tcagatgatc cgcccGcaa 149

<210> 36305
<211> 150
<212> DNA
<213> Homo sapiens

<400> 36305
taatagttat aaaaawataa aattgccttc ttaaacattt tcaattgtac ggtctagtga 60
tgTTaagtat atttacatta tattgcaatg ggtgtctaga tttatTTTTat cttgtaaaat 120
acaataccca ataaaaaata aactgccccat 150

<210> 36306
<211> 261
<212> DNA
<213> Homo sapiens

<400> 36306
tctatTTTTat tttcawkgtt tttggttagt cttttgtttg cctcagctgt tgTTaatctc 60
ctcaggcagc cacaaagtta aaacacttgc ctgtaattgt ctccaaaaat aacatcacct 120
gacagaaatc btctgaagtg agtgagctcc aaggcagcct cttaatgagt ttttcaagag 180
aaccaccaga caaataagaa awgataatat tggctgggtg cagtggctca tgCctgtggt 240
cccagcactt tgggaggccg c 261

<210> 36307
<211> 423
<212> DNA
<213> Homo sapiens

<400> 36307
ctaataTTTtc actcctacac attaaactaaa actgtTTtaat taatggcaga ttcctcagtg 60
accAAattga ctccctcatt ttgtatccct tctcctagaa cgatctgtga cattaaaatt 120
ccgccattca tgctctgtat ttttcattgc ctttattgac gtctgtgacc ataggkcact 180
ttgctatgcc tactTTTTaa tttttcacca cctactctct attatTTTct ctCattgttc 240
aatccagaaa tattsrtTTa atgagaataa aagcagattc aaaatcatgt tgaagctact 300
ttaaagcttt aaagaccrnd aaagctTTta aggctactta tatgtcaaca gagaagtaaa 360
ttggaacaat cttcagcaga aaatggcagg aacagaattg tgttgwcact tatgtgttag 420
gta 423

<210> 36308
<211> 75
<212> DNA
<213> Homo sapiens

<400> 36308

aaaaccctca gggacctggt atagacgcag aatctgtttc acacaacaat tgctatttga 60
aggaaaaaaa aaaaa 75

<210> 36309
<211> 104
<212> DNA
<213> Homo sapiens

<400> 36309
tatactgtga ggctntgcaa cagaggaata caaaaacttg tcacttggtt agaawyagga 60
atttatcttg atagtgttg ratttwatcc taatctaact ctta 104

<210> 36310
<211> 148
<212> DNA
<213> Homo sapiens

<400> 36310
ggccttcttg ttakkctgcc agaagactgg cagctggtgt ktatcttttc cttcaagac 60
ttgggagtta acagctttat agatwagtgc agtctwgatc atarrcccaa cagcattkdc 120
aagaacbcac agcattagcc tgtccctt 148

<210> 36311
<211> 123
<212> DNA
<213> Homo sapiens

<400> 36311
ttaattatgg ccatcaataa atcattttat ccttgaacaa gacttgagaa tggcctgaag 60
gcagaggcac gattccttag gaattaggcc aacagagaat gggctatctc tcttcccacc 120
cct 123

<210> 36312
<211> 81
<212> DNA
<213> Homo sapiens

<400> 36312
tatttgatg accttattgt taaataaggt cttagcgtgga aaagatgttt tgcaagtgcc 60
tggtcagag taaacgkca c 81

<210> 36313
<211> 168
<212> DNA
<213> Homo sapiens

<400> 36313
gtgtgtgtgg ggggtgggag cggggggggag gagggcattg aggggaggaa gatttgagat 60
ttctctctct taatattaaa cccdsatcc cagccccctg caccctggc agggagadrc 120
magawcagcc cttacrrgac acggaagayg cacgacccaa cgawccct 168

<210> 36314
<211> 256
<212> DNA

<213> Homo sapiens

<400> 36314

ttaattgcag	ttatgtgtta	cttaatgacg	agaatatctt	ctgagaaatg	catcatgatt	60
ttgtcatgta	aacatcatag	ggtgtattta	cacaacttag	atgggtgtggc	ctamtgcaca	120
tctagggtat	atgatatggc	ctctgggtcc	tgggatacaa	acctgtgcag	cttgttattg	180
tactgaatac	tgtaggcaat	tttagcgcg	tggcgtttgt	gtatctaaac	atatctaaac	240
atagaaaagg	tacagt					256

<210> 36315

<211> 227

<212> DNA

<213> Homo sapiens

<400> 36315

catccttgta	gtacaragct	tttcattggt	tactgaaaac	cattctgcta	tagaatagct	60
aagtccttgc	tggccagctg	ctgttggtgt	gaaagtggag	aagctagcta	tagtgggtac	120
ttttcaggaa	gttgagata	aagtttatga	tgtcatttga	aacttttttg	atgatgtgag	180
gaaagaatgt	caaaacggtt	aacactctgg	aagatataag	aaggcac		227

<210> 36316

<211> 200

<212> DNA

<213> Homo sapiens

<400> 36316

agaaaaggct	ttcgtacttt	ttcacattca	gtatgatggt	agctgtgggt	ttgtcgtatg	60
tggcatttat	tatgttaaga	cattgaactt	cacttcctcc	ttggaagcta	gatttggcca	120
tgtgatkagc	trcagttaat	gtttgtaagt	ggaagcctta	aaagttgatg	tgcaatttgc	180
tacactccct	tcccacttca					200

<210> 36317

<211> 326

<212> DNA

<213> Homo sapiens

<400> 36317

atagagaaaa	ttccaadkgt	gaaaatgatt	aagatttagg	tgcaaaactgg	ggtaagaaac	60
acagacacta	agagattgga	aaagagggtca	gtgttgacaga	amtgggaatat	caagggtggtt	120
tatatgaagc	agatgttcag	gtcttgagct	gtggctgggtg	gtggaggctc	attttgtctg	180
tgagtgaatg	ccattgccaa	agcagtgact	tgaatagaat	aaacggggat	tgaagaaacc	240
cttggggaac	ctctgtattc	trgctctttg	gaggaaaaaa	dagcagccat	gaccatagca	300
gwwgggaawg	tcaaagagga	tgggat				326

<210> 36318

<211> 245

<212> DNA

<213> Homo sapiens

<400> 36318

ggacttgtgc	ccagagagag	agagaaaaac	tgctgaccct	gtaagagaga	actggccatc	60
ttgcagacag	acagagggtga	gccaggaatt	aacaagcatg	ccaaggagta	cagctgtaag	120
tgtgggagcg	gcaggagcca	cagagccggt	tgctgagaag	ggctgcggtc	ggaggaggca	180
gccgagacag	aggcagacag	tgtgagagct	gcagcagctg	ctgctgaata	aatcatatt	240

ttacc 245

<210> 36319
<211> 245
<212> DNA
<213> Homo sapiens

<400> 36319
gtcatttcct ttcttcatgt accagatgct gaaatactat gagataaaga ttttaggttt 60
caattgtaaa gagagagams tggmtaaatc agtgctgctt wctwtaggac gaaagaagta 120
wggagmagtg ggatcacttt cacaatcaac aggaggacac tgatagctgc tccgaatctg 180
tgaaatttga tgctcgctca atgacagctt tgcttctctc gaatcctaaa aacagccctt 240
ccctt 245

<210> 36320
<211> 87
<212> DNA
<213> Homo sapiens

<400> 36320
cctttgggta tatacccagt aatgggatgg ctgggtcaaa tggatatttct agttctagat 60
ccctgaggaa tcgccacact gacttcc 87

<210> 36321
<211> 283
<212> DNA
<213> Homo sapiens

<400> 36321
tttcaccgtg ttggccagga tgggtctcgat ctctgacct tgtgaccgc ctgccttggc 60
ctcccaaagg gctgagatta caggcgtgas caccgcccc tgtcatwgtg mccattttat 120
agatggggct cctgaggcca ggggtgaagg cagggtctag ttcgggggat ccaagccctg 180
ccagactctg ctgcatgtgg gctctgacct agtgaagtgc caggatggg ccctggggcc 240
gggctgtcag gccctccacg tgggttatgt camctmacc ttt 283

<210> 36322
<211> 142
<212> DNA
<213> Homo sapiens

<400> 36322
cccgtattat gtactggtac tgtgggagga ccaaggctca gagcgtctga cttacggggtt 60
taaggtctca cggccattaa gcagtcattg caggattaaa ggagatgcag cagatctgaa 120
ttggctdcat atcacggccc cc 142

<210> 36323
<211> 179
<212> DNA
<213> Homo sapiens

<400> 36323
acaattttta tttatttttg aaacaggggc tcattctgtc acccaggctg gagtgtagt 60
gcacagtcac ggctccctgc ggctcgcacc tcctcaagcg atcctccac ttscagcctc 120
ccgggtggct gggactacag gcacgtgcca tcacacctgg tctcactatg ttgcccatc 179

<210> 36324

<211> 218

<212> DNA

<213> Homo sapiens

<400> 36324

caaatgaata caccagtgtt aagagtataa gagggttaata gtaccttttaa aaatgcctca	60
aagataaatc ttttgattta tctttatitt tagatctcta ccccaacttt agccacttct	120
gaaatttact actagaaaaa ccttttcttw cgwgaagaac tgtctcacia aaatagcagt	180
taaataggaa gctatcctaa cccactgttt gccttttc	218

<210> 36325

<211> 331

<212> DNA

<213> Homo sapiens

<400> 36325

cttttggttg ggcattggtg ctcattgctg taatcccagc actttgggag gccaaaggtag	60
gtggatcacc tgaggtcagg agttcaagac cagtctgggc agcatggtgr aamgcctgtc	120
ctctgctaaa aaatacaaaa attagctnrg cgggggtggcg tgtgcctgtg gtcccagctg	180
ctcgggaggc tggggcagga gaatcgcttg agcctgggag gcggagggtg cagtgcgctg	240
agattgtgcc attacactcc agcctgggtg atagagcaag actccatctc aaaaacaaac	300
aaacagaaaa cactcatttt tccaccagt c	331

<210> 36326

<211> 98

<212> DNA

<213> Homo sapiens

<400> 36326

ttttctcctt tctctccttt ttctccctcc tcttgtctc ttttactcca ttctgcaga	60
agagagaggg ctaaacttaa agaaaaaaaa aaggagga	98

<210> 36327

<211> 344

<212> DNA

<213> Homo sapiens

<400> 36327

tattattaaa gcctttctcc ttcagtagtc tattttctta gaataacaac tcttttatct	60
attctgaact ctattttttt tcttttttaa gagacaaggt tttgctctgt tgcccagctt	120
ggactcgaac tttcctgggc tcaagcgacc ctctgcctc agcccccaa gtagctggga	180
ctaaagtcac gtgccaccac acccagctta ctctgaactt ttatgacaga tgattgtttt	240
ttgtttttta tgtagaaatg agacaagggt acaaattgga actagaaatt gacattgtca	300
ttgacaaaca tggctaaaaa cawwacatca aatcctgccc ccga	344

<210> 36328

<211> 325

<212> DNA

<213> Homo sapiens

<400> 36328

ttatactttt agattttaca ttttaagtctt taakscatgt cgagttgatt tgtgtatatg	60
--	----

gtgaaaggta	gggatccagt	ctcaatatct	tacttgtggc	tagccagtta	tcccagcdcg	120
atattattgaa	tagggagtcc	tttccccagt	gcttgttgg	ttcaactttt	tcaaagatta	180
gttggtggta	ggtgtgcacc	tttgtttctg	ggttttctga	cttgttctat	tgggtctatgc	240
atcagttttt	gtaccagtac	catgctgttt	tggttattgt	agccttgtag	tatagtttga	300
aatcaggtag	tgtgatgcct	ctggc				325

<210> 36329
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 36329	
ttaatttttg	60
taagtccctt	
cttattctct	
tcttctgtct	
ttacttgttt	
atggaatcgg	
tgttgtgggc	120
ttaaaactag	
tttatttttag	
ggggtcatta	
aaaatgtctg	
aaaaatacat	
tttcaaattc	180
caggacctat	
cttttcatgg	
caaagaggaa	
atattgtgta	
cagttatgct	
aatgtttata	240
aaaaaatttc	
tgtacttaaa	
acgtttgtag	
atgtacaact	
atccttaagt	
gaagagcata	300
gtaatagtgc	
acaaagttct	
caaacacaaa	
acatctggct	
aacatgttac	
gaatattcca	317
ggggcac	

<210> 36330
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 36330	
agaggaaaga	60
gaaactggga	
gagggaggaa	
gggagaaagt	
gagaaggga	
atcgmaaga	
gaaaaggag	85
gaaacggcag	
agcca	

<210> 36331
 <211> 229
 <212> DNA
 <213> Homo sapiens

<400> 36331	
gtagtatatt	60
taattttgac	
ataagtaact	
tttaaaattt	
gtcttaaaaa	
tttatacacc	
agcaatttag	120
acaaagcctt	
aagcaaattt	
tgtattattg	
ttctcactta	
ttattaataa	
tgaagtagaa	180
gttacttaat	
tgccagcaaa	
taaatacgtg	
tcaaaaaaga	
atctgtattc	
agaccctggg	229
tcaggaaatt	
actgccact	
tgtcaagttc	
agccacact	

<210> 36332
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 36332	
attcagtga	60
gcagacatgg	
cctattccct	
acatttgccc	
cttgaaaatg	
ttcaatttta	
atttaaaaga	120
tttaatacagc	
caggatattc	
tttcaacagg	
caaataaaaa	
accgcagttt	
aaactctaag	180
tttcaatcag	
aaactaacag	
ctcttgatt	
tcccagggt	
cacactcctc	
tgaacaact	240
cacgaagagc	
ctgaggaagc	
agttctcact	
ggaaaatgca	
agaaagtatg	
ttccggtgaa	300
gaccctcagc	
tctgttcatt	
ttcatgatgc	
aatgcccac	
aaagggtggt	
ttgacctgac	360
tgacctgtg	
caaggaggca	
cagtctcctc	
accagcataa	
gcacgtggca	
tcmgatgcgg	377
aarmagc	

<210> 36333

<211> 262
<212> DNA
<213> Homo sapiens

<400> 36333
gaggtaagga gagaaaaata attgaggtaa ctgtgggtgt ttacatctc ggaaaccatg 60
gcttttaata aggccacatg aagagagaag ctggcatcat cccacgcaa amhccagtgc 120
ctggcagagt tgtggaaggt gctatcacat tggcttggca tttgtgtagc tttgattgaa 180
aatcaatggg tttcttatga taattttcac atcatatatt ttttcttctt tagaaaaata 240
taaaatttct gaatgggtca gc 262

<210> 36334
<211> 89
<212> DNA
<213> Homo sapiens

<400> 36334
gttcgcctag cgcgtgctca ggagttggtg tcctgcctgc gctcaggatg cavvgggaat 60
ctggccctgg tgggcgttct aatcagcct 89

<210> 36335
<211> 244
<212> DNA
<213> Homo sapiens

<400> 36335
gacctaaatg gaatctcttt tctttttctc ctctctctac cttttttact ttaaagggaa 60
tttacctgg gagagtgcct agccttcaag aattattgat ccaagtggga aagttaaadc 120
ctgaagctgt tagaggtcag tgggccaatc tttcatggga attactttat gccacaaacg 180
atgatgaaga acgttatagt atacaagctc atccactact ttaagaaat cttacggtac 240
aagc 244

<210> 36336
<211> 255
<212> DNA
<213> Homo sapiens

<400> 36336
ctacttattt tattgattat tgagagagaa ggggtgaatt atctaggtgc aatatagatt 60
ttttctgttt cttatttcag gtctactggg ttttacttca tatatttttg aagctctgtt 120
gttagtatat acactcttat gactgttaag tcttcttggg gaattgaacc ttttattatt 180
aaataatacc acttttctc cctggtaata gtccttctta aatctacttt gtctgatatt 240
aatactgtca caacc 255

<210> 36337
<211> 401
<212> DNA
<213> Homo sapiens

<400> 36337
ctagtactta tcgagttcta tatacccgagc atgtgtatca tctcatttga ttcttacaac 60
agtctgttaa gttgtgggca ctttacccca ttttacagat gaggatattg agacatagag 120
aaacatagtt tcacttagct gctaagttac agagccaggg tgtgaactca ggtctgactc 180
caaagcccat gctcttaact gttaaactaa gctctgctaa ataagtcagt tttgtgtcct 240

ttgtcagaac	tgtttttagca	aagtagagta	gtttttgccg	ccatccttat	gagnrrgctt	300
acgtggtgga	ttttgcttat	cagctggcac	tataaattgt	accagtcagc	tgtttagctaa	360
tgtgtttatg	tttagcaatg	gttacctctg	atragtacag	t		401

<210> 36338
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 36338						
aaagtaagtg	gttcgttctc	ccagttagca	gcaccagcaa	aatcagtatg	ggccagattt	60
gaatttcctt	accataagta	gtcttagctt	tataattcat	ccatttcctt	tttcctggka	120
ttttgtttta	agtgaaattc	ttcagcaaaa	atccaacttg	cttaaggctg	aattatgaca	180
maagacagtk	gcttacatct	ggggctttta	ttcttgtttg	tccataaacc	caga	234

<210> 36339
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 36339						
aaatgtttcc	agggcgtaatg	aaaaacctga	tagttctttt	gatctttgta	agtttaaaag	60
tttttaagaa	aaagaattta	gtatcgtaat	acaataatag	ctagaagggtg	tttgataaat	120
tggtaaagat	aatatttcaa	aagggtccact	gtttcccaag	agtatctcta	ttaagacctg	180
agcttttctt	aaactgtatt	acttttcgrt	tgcacagttt	tttdacacag	gctttgattt	240
gttttccaaa	gaagtaatga	atggtggca				269

<210> 36340
 <211> 430
 <212> DNA
 <213> Homo sapiens

<400> 36340						
caacaaaata	aactactgtg	gcagcgttgg	taccctgcat	caactgccatg	gttgtgctat	60
tctcatctca	acatagaatt	ggtaggttct	cctaagggtg	tcagggaacct	ctaaaaagat	120
gtgattcttt	gggaggggat	atttgaaatt	ccaacttcca	ttccccctag	caaaaggdwg	180
cagctgctgt	ttaagggttt	tatctgagcc	acttttaaaga	tgaatccatg	gtattactct	240
ggatactagc	cattccttag	gattttaagg	tcacatttta	ttcctggatg	ctttatgtcc	300
ccacctccac	ctgagccctc	atcctctgtt	ccctactata	ctcccaactt	ctactctttg	360
ttttatccac	ctatccctat	tacctgaccc	tttgtcttcc	ctgtctccca	tccttggggg	420
gasatgtagt						430

<210> 36341
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 36341						
ggccggggcg	ggaggytcac	gcctgtaatc	ccagctctca	gggaggctaa	gaggcggggag	60
gattgcttga	gcccaggagt	tcgagacctg	cctgggcaat	atagcgagac	cccgttctcc	120
agaaaaagga	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa		169

<210> 36342
 <211> 260

<212> DNA
<213> Homo sapiens

<400> 36342
caactaaaat ggamataaat aattcctaag taatttgcct gttargatta aagtctccaa 60
gagaatggct gtgcctagta cctaagtgaw taatttcctt gattggttca cattatrctg 120
aggatattag taatcagtag tgatttcctt tktggttcaa agatgatagt gtcacagtga 180
aaaatgttww taaaattttk gtatamttaa tttttctggt aacgaaagta ttttcagktg 240
gatttttgtt tgccctctca 260

<210> 36343
<211> 156
<212> DNA
<213> Homo sapiens

<400> 36343
gataaatggt tgagatgggt gatgtactaa ttgccctgat ctgatgacta tacattatat 60
atattgaaac atcagtagtg accccatgaa tatgtacaat tataatgtcaa cttaaacaca 120
tttaaaagta aaaaaaaaaa awtccaaaac acgcaa 156

<210> 36344
<211> 79
<212> DNA
<213> Homo sapiens

<400> 36344
ttagaatkct attkgtttta aaatttattt tacttcatgt tctgggatac ctgtgcagaa 60
tgtgcagggt tgctacata 79

<210> 36345
<211> 299
<212> DNA
<213> Homo sapiens

<400> 36345
taccaaaata ttgatgaaaa ttaaaaattt ttagttgact tgtgaaatac cttttagaaa 60
tgtatttgat tagacagtag atagaaattg attttaaaaa ttcattttat actattgcat 120
ttcaattcca catatgaaga gtagtggtct tctgatcctc cttttttttg gttttgtttt 180
tgtagaatac agagagcaga tttctctaag gttttccagg gdacattaag tccaagtga 240
tattaatagg cttggtgggg aagggtgttag tgtgcatttg ctgttcttca gccaaagtaa 299

<210> 36346
<211> 198
<212> DNA
<213> Homo sapiens

<400> 36346
cactttatct atttrtatat tttttgagat agagtctcgc tctgtcgcgc aggctggagt 60
gcagtggcac gatctcggt cactgcaacc tctgcctcct gggttcaagt gattctcctg 120
ccttagcctc ctgagtagct gggattacag gcatgcatca ccacacctgg ccaatttttg 180
tatttttagt agagacgg 198

<210> 36347
<211> 457

<212> DNA

<213> Homo sapiens

<400> 36347

```

aaatacatat atgacagacc caaagctagt attatactga ataaggaata actgaaagac      60
tttcccctaa gatctggaat aagataagga tgccccat ttt cactgctgtt tctcaacata    120
gcaccagaag tcctagctag ggcaatcaga gaagagaara aaataaggaa catccaaatt      180
agaaaggagg acatcaaatt atcattgatt gcagatgata tgatctaata tttggaaaaa     240
cctaaagatt ccactaaaaa cctattagaa ctgataaaca aactcataaa gttgaggaca      300
caaaaccgac atacaaaaat cagtagcatt ctatatgcca gcagcagaca atctgawann      360
gadgtcaaga aagtaatcct ggccagggtat ggtgggtcat gcctgtaatc tcagcacttt     420
ggtaggccga ggcaggagga tcacttgatg raggagt                                457

```

<210> 36348

<211> 308

<212> DNA

<213> Homo sapiens

<400> 36348

```

agcccagccc taccgcgcgc ggcccggagc tctgttccct ggaactttgg gcactgcctc      60
tgggacccct gccggccagc aggcaggatg gtgagctccc tgcattcctgt tctgtgcaca    120
gggggtgggca gagccagtca tgggagaccc ctctgtgcgt gtgtctgtgt gtgcgcgcgc     180
gctgggagct gcctcacacc tgataaaaaa gccagtggag gagtgcgcgc tgctatttta     240
agtygctgaa tggaacctct gggaatgata vagggaagcn ncaaagatta ggcagagaag      300
ggcccgnk                                     308

```

<210> 36349

<211> 114

<212> DNA

<213> Homo sapiens

<400> 36349

```

gcatctcggg tggacagggt gagagaaaca tgtcattaag gtattgtcaa tatgagccct      60
tcagggtgtg gcgttcccta ggtttgtggt tttagacttt caaaggggcg gttt          114

```

<210> 36350

<211> 203

<212> DNA

<213> Homo sapiens

<400> 36350

```

tccaatttcc ttattttctct cacatgatgc ctctgacttt catagtgtgg cttggtcaga      60
tgggccttat caatagagat ggcctgatgt ctgagctgtg tcattctcagc tgctagttct    120
ggcttctgct gggagtccac agtggcctct gcatgcatgg tgtgggaaag gcaaataaaa     180
aagcagatta aaaaccagat gac                                     203

```

<210> 36351

<211> 414

<212> DNA

<213> Homo sapiens

<400> 36351

```

tcagttccca cctatgagtg agaacatgcg gtgtttgggt ttttgtcctt gcgatagttt      60
gctgagaatg atggtttcca gcttcatcca tgtccctaca aaggacatga actcatcatt     120

```

ttttatggct	gcatagtatt	ccatgggtgta	tatgtgccac	atcttcttaa	tccagtctat	180
cattgattga	catttggggt	ggttccaagt	cttgctattg	tgaatagtgc	tgcaataaac	240
atacgtgtgc	atgtgtcttt	atagcagcat	gatttataat	cctttgggta	tatacccagt	300
aatgggatgg	ctgggtcaaa	tggtatttct	agttctagat	ccctgaggaa	tgccacact	360
gacttcaca	atdnttgaac	tagtttacag	tcccaccaac	agtgtaaaag	tggt	414

<210> 36352

<211> 279

<212> DNA

<213> Homo sapiens

<400> 36352

gtaggattta	ggaacgcacc	gtgcacatgc	ttggtggtct	tgtaagtgg	aaactgctgc	60
tttagagttt	gtttggaagg	tccgggtgac	tcacccaac	attbacatcc	ttaattgtta	120
aagcgtgccc	tccgagcgca	cgcacccgca	gatcctgagc	ctttgggtta	gaccgagctc	180
tattaagctg	aaaagataaa	aactctccag	atgtcttcca	gtaatgtcga	agttttatc	240
ccagtgtcac	aaggaaacac	caatggcttc	cccgcgact			279

<210> 36353

<211> 99

<212> DNA

<213> Homo sapiens

<400> 36353

aaaaaggctt	ggagkwggct	tagtaaggcg	aacggactgc	ttccggccag	aggtcccggg	60
cggaggagga	agctgtggct	gccggcggtg	ggacgcccc			99

<210> 36354

<211> 413

<212> DNA

<213> Homo sapiens

<400> 36354

taattacctg	ggcatgggtg	tgtgcacctg	taagtccag	ctacttggga	ggccaaggca	60
ggaggatttg	ttgaggccag	gagatcaaga	ccagcctgag	cwacatastt	garaccctgt	120
ctctacaaaa	aatttaraaa	ttavctgggt	atggtggctt	atgcttgtaa	ttccagctac	180
ttgsrgargc	tgtgacagga	ggatctcagg	aatttgaggc	agcagtgagc	tatgattgtt	240
gcacaggctg	gagtgcagta	gcacagagta	agaccctgtc	tctaaataca	taavtamatm	300
avarttagat	aataatagta	tcagaaccct	tgtgctaagg	gttatggaat	ggggtctagt	360
gggagtataa	tttagaacia	tttgaaaagg	gtatttgtaa	gatagctggg	act	413

<210> 36355

<211> 344

<212> DNA

<213> Homo sapiens

<400> 36355

aagttcagag	gttactaggt	ttgtaaataa	twataaactg	catggatacc	aatggagatc	60
aaaaaactct	atctaattta	ggttggggat	aatgataatg	tgagaactgc	tgwrgmgttt	120
aatttccttc	atcacttgta	attcccatag	tgtagtgga	tccctttttt	tttcttgtga	180
agaaatttga	cttttcacat	ctagtaagta	tgaactaaaa	gtatctgata	caagcctcaa	240
tcaatttatg	aagcttattt	tgccgaggtt	aaggatgcat	ccatgacaca	gcctcaggag	300
ggcctgatga	catatgccca	aagggtggctg	ggaywcaggt	tgct		344

<210> 36356
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 36356
 gctcactcaa ggctwbcctc tctcagtgagg tgactgagct gtcttcagtg gaagcccagag 60
 gcagatgccg cgcaattctg gagctggata cggctrccca camggggacc ccagcatgct 120
 ggacagcaga ragacccac aggagarccg gcaggacatg attgtgatga ccacccc 177

<210> 36357
 <211> 80
 <212> DNA
 <213> Homo sapiens

<400> 36357
 amtgcgacac aaaggcgggg attgcgtagg gaaaggccct aggccataaa cgggggtggg 60
 gcctccccgg aggccagtgc 80

<210> 36358
 <211> 99
 <212> DNA
 <213> Homo sapiens

<400> 36358
 gggatccatg agtctctcct tgtagggctc atgatctatt tagggtagat aactaggaag 60
 ccakagmaac agatgcctag tagaatgtca ggdagtgat 99

<210> 36359
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 36359
 tgttgtaaatt cctattgaga ggaaggaaat taaaggaata aaatatcagg atagttgata 60
 ggatcttttaa atatttgga tcaaggaaat ggcccttacc tgggragggtg aagtatatga 120
 cgattatcca aggttcatgt gtgtttctga tgtgcatgct ggcctttagt tgggggtgtga 180
 ggctgcacat tctgaaccaa ctagtctgct gttcagatac ctaggggctg ttagtattat 240
 ttcattatctg tatagggtgg tctgaaatcc ttaggtaagt ttttgggaga gtctttggac 300
 atggactaga ggccgttggg tgccacagaa tctgtgtctg gtgtttgttg tgaccaggag 360
 gctttgggtg gttaccagag gttagrhatt agagtgttg gtaaacacac cacttgtgca 420
 tttt 424

<210> 36360
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 36360
 gaaggggaac ttagwtttta tttagtgtga taaaaatagt gccaaactggc tgggcgcggt 60
 ggctcacgcc tgtaatccca gtactttggg aggccgaggt rggatgaawca ccaggtcagg 120
 agttcaagac cagcctggcc aagatgggtga aacctcgtct ctactaaaaa tacaaaaaaa 180
 acagctgggc gtgggtggcam gcacccgtga tcccagctat tcaggaggct gaggcagaaa 240
 atttcttgaa cccaggaggc agagggtgca gtgagccaag atcatgccac tgactccag 300

cctgggtgac agagcaagac tccgtctcaa aaaaaaaaaa 340

<210> 36361

<211> 272

<212> DNA

<213> Homo sapiens

<400> 36361

cacatgataa atgtaatttg aatatgtgat aagacaagtg accgaccaga gatcatcaag	60
cagatgacat atgtcacctg agtagttagg aaatgctgtt tgagcattaa atacacagat	120
ttaaccttat gtttatgcct cagatgatct catacaattg tctgagatgc catatgttga	180
aaatagctgt attgaggtgg ttacttttca tatgattctc ctttctctag gaatagctct	240
aatccaatwk aggtaatact gtacctggcc cc	272

<210> 36362

<211> 73

<212> DNA

<213> Homo sapiens

<400> 36362

agcgaggcag ccgggtgctt cgcagcggag ctcraggctc tgtagcacc cagtdbvacc	60
agtcgcccag gca	73

<210> 36363

<211> 203

<212> DNA

<213> Homo sapiens

<400> 36363

caagctttct ctwaattctg cttaacagca gcatttctcaa ataataaaat ttctgcttat	60
taatatgaag ctcttagagc tatctggata rtactwttgt tcaaatgrak aawwatgtct	120
acaatttctt aatggggaat aactgactat gaatttgctg catctaaaat gaccccatca	180
attatacatg taaavataag ttt	203

<210> 36364

<211> 318

<212> DNA

<213> Homo sapiens

<400> 36364

ttctgtcttg actagwggca ctctgacatc aatttggaat ttggaattaa gaaaatacgc	60
ttttaaaatc gtaataactta tcagatttca ctaatattha aacacatkag gactgkrtat	120
cavmttcacc gattgwtttg tcgacgtaat ggtttacatc tgtggtgcta atgataagca	180
gaaccttgcc agggacgttt gacgtggtgt ggccacttta cgttttcaag tctatgagaa	240
tgtctgcgcg gadwcagcat agctctgtag aaatgagtgg caagcgtatg taacctggca	300
ttttgaacct aggagctc	318

<210> 36365

<211> 134

<212> DNA

<213> Homo sapiens

<400> 36365

cttttctcag tttccatttc attttttttt tyctagtttt ggkgacttag kgatttkgyc	60
---	----

atwwttwama tcaacttcat ggbcttgktt ttacatgggha attgcatgda cttagggrtcn 120
aycwaatagg ggac 134

<210> 36366
<211> 160
<212> DNA
<213> Homo sapiens

<400> 36366
tatctgggtc cttckatgca gcagactggg agcctctgca cagtggctcc ctggggatgg 60
ggcccatggc cacagagctg gagccctgt gcactccggg ggtcacctgt actcccagct 120
gcactgctta caggtcttcc ttctgtcttca cctaccccgga 160

<210> 36367
<211> 220
<212> DNA
<213> Homo sapiens

<400> 36367
ctgywttaat ctgaaattaa tatagctgat ctacctttct ttcgattagt gtcaatatgg 60
tatactctttc tctatccctt ttttttttat ctctttatgt ctgtacattg gaagtgattc 120
agacatcaca tagttgtgtc tkattttttc vacttagaat ttaataaaaa tttcgtactt 180
tttcatgtat cttgtaaatt tttttgtatg caggactcga 220

<210> 36368
<211> 207
<212> DNA
<213> Homo sapiens

<400> 36368
tttgtaatct ccgtaaaaaat aacagtatga agcttagtac aggatatgtc acttgaaata 60
catgactccc accccagaaa aattagtaaa agtggmtcra aagttcagta gtarcaatta 120
aacagaatta gaatatTTTT aaccaaaca aaggcacagt aatttcctaa gcagtttgct 180
gtcacgttta actccttttt ttttttt 207

<210> 36369
<211> 339
<212> DNA
<213> Homo sapiens

<400> 36369
cctgtttgaa ttttttgttt ttccttgcaac tcatagtgtt attctattgt agtatatata 60
tttgagtata aaattggtta acacactaag agttcagttt atgagatggg ataaatttaa 120
atctcaaagc aattttcaaa tatactcatt aagaaaatgc aagtatttat attttaaata 180
aagtcatttt ccactatata ccctatcacc cttttattat tatagacgtt ttctaatttc 240
caggaaaacc tcgtccaccc cagtactga tatatactct agcttgttca acccatggcc 300
tgcaggccac atgcagccca ggacagcttt gaatgcagc 339

<210> 36370
<211> 439
<212> DNA
<213> Homo sapiens

<400> 36370

tcttaatgcc	ttctctgttc	tctctgaatt	atacctactc	agtgggagtt	aacgtaaagg	60
ttaaagcttt	acaaagtaaa	actagagttt	aacccccctc	agcaccttca	caccaaccgc	120
tgtcaccaaa	atgaaaatgt	agtgtctgtc	aacctttaat	atttacttag	agtattttaca	180
taaggggagg	gaaatgaact	tttgtctgaa	acatacaaca	agcggcactt	tgattttata	240
aaataaatgt	caacaattgc	tagggcttat	caaactgggg	tagggagtg	ggtggaagt	300
cagttggatt	aaaggcccat	tcctgccact	tcagactaca	aagggttaca	cataataagt	360
gccgaatttg	cctaawwgca	aaagttttct	tggtgctttc	taagtcacaa	caggggaggg	420
ggaaagctgt	cgttttattw					439

<210> 36371

<211> 195

<212> DNA

<213> Homo sapiens

<400> 36371

tttgtgactc	tcaccagcac	gcctaagggc	cccacgaatc	gctgggtgtag	agcgtgtgtg	60
ttttcataac	atgaagggag	aagagcagtt	gcgacagttg	tccctgagca	aacatttgca	120
tccagctggg	cacgcgtgcc	tccccaggct	agggcagcgg	gtgctcacc	tgccctcttc	180
ctgttcacag	cctcc					195

<210> 36372

<211> 170

<212> DNA

<213> Homo sapiens

<400> 36372

tcatttctctg	agcctggcca	ggcatgttct	caaaggatag	gaacttccgt	ctcaaggcca	60
tcagcctgga	gggttggtgg	gaacttgtgg	ggcagaagtt	ctggggcgag	aagccactca	120
ggcttggggtt	ttgttcagat	gtaggggacc	ccctctggtc	atccagcaac		170

<210> 36373

<211> 433

<212> DNA

<213> Homo sapiens

<400> 36373

ttgatattat	tgttattatc	attattaata	aataaagaga	aaaggaattt	ttgtttaaat	60
gagaaatgtt	taaccagatt	ctgttctatt	tgaattgtga	cttgcacctt	ttgttcaaag	120
tatttccttt	aggcattgta	attgtgaaca	gctcttactt	gtgccagtga	cagatgcagt	180
ggtctccttt	ccccagttga	agcagtgcat	acgcagtagc	tattatttgt	gttatcttta	240
tttctcttca	ttgttagaaa	ccaaagtctt	ctctgctggc	tggggctgag	agaggggtctg	300
ggttatctcc	ttctgatctt	caaaacaaga	gagagacctt	gaatacactg	actcttccac	360
cctttttttt	tctgggaaa	gagragcaag	aggtcccag	tcccctccta	gtctttcatc	420
ctgaatttgc	ama					433

<210> 36374

<211> 308

<212> DNA

<213> Homo sapiens

<400> 36374

tttgtccttt	ttaaattctt	ggaggccctt	cataacatgg	aacacaggat	gggcaaacgt	60
gcttcttata	gtgtaggtta	gatttagcac	cttttgacaa	agggccttgt	ttcctnbgca	120
gtttaaattt	agatccactg	agaatctgag	aaattcagta	atgaaagggt	aactttggag	180

tttcctcttt tggaagcttt ccttattaaa ttctattaat gactctgtta gacttgnntc 240
 ccatcttaca caagagattc cagaatagca acttgaattg cttcttagtc cctcttacga 300
 akcactca 308

<210> 36375
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 36375
 tgcccaggct ggtttcaaac tcctggcctc aagcagtctt cccacctgag ccttccatat 60
 tactgggatt acaggtgtga acaaccacat ctggcctatt ttttttttgt ttattntvttt 120
 atttattttg agacggagtc tcactctgtc gcccgggctg gagcgagtg gcgcgantct 180
 cggctcacta caggctccac ctcccgggtt cgcgccattc tcctgga 227

<210> 36376
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 36376
 cctttttgct gtaggcccgg gtggttgctg ccgaaatggg caagtccatg raacctggga 60
 aggtggtgct tgcctggct ggacgtact ccggacgcaa agctgtcatc gwgaagaaca 120
 ttgrtgawgg cacctcagat cgcccca 147

<210> 36377
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 36377
 gcacttgggc tgcagctcgc aaccagaggc agtgtctctc agctctcgga aggaccgcas 60
 agaggcaacc gcggagtagg atgctctgcg gggcgcccag agccgggggc gcttgaagca 120
 gcttcgggga ctggggcaac cgggcagtc 149

<210> 36378
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 36378
 gtctttttct ttccraaaaa ttgcttttag atctacagat ttcacagat ttgggtttga 60
 tttttttttt tycccaaaaa aaa 83

<210> 36379
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 36379
 cctactttat agatggdttt tacttaccag cagaccattt tgtactttat ttgagtctat 60
 tcccaggamt gcatwaattt ctccccacat aagragacct acaagtccac ttaatctgtg 120
 gaggtgagt 129

<210> 36380

<211> 308

<212> DNA

<213> Homo sapiens

<400> 36380

attaaaaata tatataggtc aattttggtc tgaaatccct gaggtgtttt taacctgcta	60
cactaatttg tacactaatt tatttcttta gtctagaaat aggtaaattg tttgcaagtc	120
actaataatc attagataaa ttattttctt ggccatagcc gataatttkg taaycagtmc	180
taagtgtata sgwatTTtkg ccacttttyc ctcagatgat taaagtaagt caacagctta	240
ttttaggaaa ctgtaaaagt aatagggaaa gagatttcac tatttgcntc atcagtggta	300
gggrggrgc	308

<210> 36381

<211> 59

<212> DNA

<213> Homo sapiens

<400> 36381

gacttggaat tgtgwdcgca agaagcaggc ttgatttttt tttctcccc cttctctct	59
---	----

<210> 36382

<211> 271

<212> DNA

<213> Homo sapiens

<400> 36382

aaaacattta taaagctggg catgctggta tacacctata gtctcaacta cttgggagag	60
tgaggcagga ggatttcttg tgcccaggag tttgagtcta gcctgggcaa tgcaatgaga	120
cctttatctc taaaawataa aacaataaaa atatadaatt taaaaaattt ttctgctttt	180
caatttttct ggaaagaaat atrwcttaat taaaggaaaa gaatttataa gcaaggctga	240
tactcgagca ttttgaggtc atatttgatg t	271

<210> 36383

<211> 89

<212> DNA

<213> Homo sapiens

<400> 36383

tgtacctgac gcttkcttag tacatggtag tgttctaggt ggttttaggtg tgctatttat	60
tttatattta ttctataaaa cagtctcat	89

<210> 36384

<211> 79

<212> DNA

<213> Homo sapiens

<400> 36384

cttttctcag tttcgatttc attttttttt ttctagtttt ggtgacttag tgattttgyc	60
attttttaca tcaacttca	79

<210> 36385

<211> 195

<212> DNA

<213> Homo sapiens

<400> 36385

cctgttttta	gtgtttaact	agcmaactcc	tgtctgggtg	ttcttttaaa	aagtaattat	60
accatttatg	atacaccat	ttaagtccca	acagctattc	cctcttggac	ctcatgtwgt	120
ggggctgmat	ttgcttctgt	tattattatt	tgagtaaaag	aacgtgtgta	tgggtcgcct	180
ttatatrmct	gccta					195

<210> 36386

<211> 91

<212> DNA

<213> Homo sapiens

<400> 36386

tggagaagca	aggaaggcgg	aggctcatgat	ggagggagta	magtggcatg	aagaggygat	60
ctttaaaaga	taggcttttg	atggtacgag	t			91

<210> 36387

<211> 281

<212> DNA

<213> Homo sapiens

<400> 36387

cgatgctgat	cctcrtagge	tccctggagc	tctgatcctg	gaasccctcc	ctctgcgccg	60
cagctggacg	ccacctccga	tggacacagc	cagccccttc	ckgctgcca	ggtggcctrv	120
acactgtgcc	agarartggc	tggttttaaa	tacctasdt	aaamagtgcc	chntttgtag	180
gaggtaggra	tattttatat	tctgccgcag	gaatagaacc	cacgcaagga	ttttctttaa	240
attgagaggc	accmggcagt	aacttccatg	aatgacactg	a		281

<210> 36388

<211> 256

<212> DNA

<213> Homo sapiens

<400> 36388

ccatacttta	tttgggtttc	attagttttt	ctactaatgt	aattttttctg	tgccaggatc	60
cagtccagga	taccacatta	catttatattg	tcatgccttc	ctattttcca	ctgatctgtg	120
atagctnatg	agtcatttct	tgtctgtcat	gactttgatg	gttttganga	gtattgacca	180
ggtattttgt	agaatatcac	tcagtttgag	tttgtttcat	gctttcctca	tgattagatt	240
cagattatag	tttttt					256

<210> 36389

<211> 111

<212> DNA

<213> Homo sapiens

<400> 36389

agtcaacyat	ataaacataa	yagtgaaaga	gaaatttcac	tatcaaaaga	tttgacacacc	60
ataagaaaaa	cattaagtta	catagctact	gaactaggag	gactgacaaa	t	111

<210> 36390

<211> 108

<212> DNA

<213> Homo sapiens

<400> 36390
 cagaatgtgt ttatrttaag aaatttactt gaatattgta caaattaata aaatttgaat 60
 acagaaaggg tttttgttct tatgaatgct aactttaatg ttttagaa 108

<210> 36391
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 36391
 atatatacca ctgtaccact taaaagaaaa ctggaccaat cttatTTTTT attggaacct 60
 tgctctgttt tacaaagagt tggaagcaac ttaggaaaat tcatacaacc aaaaggataa 120
 atgtaggcta agggagtcgg gtgaaaggaa aatatgggta agaagacgag ccaa 174

<210> 36392
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 36392
 tatctgcttt agattctcgt taattgtggg ttcctttgca tttcagtgtt ctaatcttag 60
 gcgcttcagg cggagttggg actttttgcta tacaggtaaa accatttttt aatcttgtga 120
 ataggaggat tttgtttgca tgaatttata aattaagata cattatttct ccttaaaagc 180
 tgagagaaaag gtaggtctgg taaatgtact gtaatttcag cttgttctgt aagaggaaaa 240
 tattcttttt ttattagaaa aaattatttt ttagagatgg agtcttgctg tgtcaccag 300
 gctggaggat 310

<210> 36393
 <211> 218
 <212> DNA
 <213> Homo sapiens

<400> 36393
 cttctctttt atagctttat ttagttttat agatttaacc actttttttt tatactttat 60
 gttctgggat acatgtgcag aacgtgcagg tttgttacac aggtatacat gtgccatggg 120
 gatttgdtwg cactcatcaa cccgtcatct aggttttadg ccctgcatgc actaggtatt 180
 ggtcctaattg ctctccctcc ccttgccccct gaccctt 218

<210> 36394
 <211> 434
 <212> DNA
 <213> Homo sapiens

<400> 36394
 caacagcttg ataataaaaag gagccgtttg tcaagagaca gtccgtgaag cgctttttta 60
 cctggtagac tgtgcatgta agggcaggca gggtacaaat gcgaatcccc atagccagca 120
 cactctacat acagcagatt cttaagccat ctgtgtactc tttttaacac tgtactgaag 180
 tccacttaag tcagagttca acaaaatgaa tgaatgtaat cccaggacta tggaacttct 240
 ctgtgattac atagcacaga gaactacgga atcattttct ggaagaatgc accatgcat 300
 tatgtccat gtggaattgg tatatataaa tggttgtaga ctgtgaggat gaggttgaca 360
 ggttgatctg agtagagacc ctaggaggaa ccgaggatac taackagttt tggtgtgtgt 420
 actgttttgc agtt 434

<210> 36395
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 36395
 ctactaaaaa tacaagaatt ggcccggcgt ggtggcacac acctgtaatc ccagctacta 60
 gggaggatga ggcaggagaa tcgcttgaac ctgggaggca gaggttgagc tgagccaaga 120
 tcgtgccact gcaactccagc ctggggcggt gagcgagact ccactctcaa taactaactt 180
 tcattactgt caatagaaca aagtgcagat tccttcattt agcatcgaag gccctctatt 240
 agctgaaatt aggttaaggag ttttccccac tannncctta ctcaccattc agttaatcat 300
 gagctttccc tatttgacta aactattcag tgttctbrga ctgtctatcg tcttgcatth 360
 cccagttca acttccttca ccaagttcta cttaatcctt tctmsdkttc atgaaacaat 420
 cttttccccac ccata 435

<210> 36396
 <211> 91
 <212> DNA
 <213> Homo sapiens

<400> 36396
 tacaattagt taaawaaaaa tacgcatgct aaaaagaggt ttatattctt atttttctcc 60
 taaattgcag gtatatactt taaaaatctt a 91

<210> 36397
 <211> 56
 <212> DNA
 <213> Homo sapiens

<400> 36397
 cataattagc atctdycatt atccccaaat cttattttat tcattgactt gaaatt 56

<210> 36398
 <211> 215
 <212> DNA
 <213> Homo sapiens

<400> 36398
 caacccctgc acattkrcca atctacacaa ctgagcactg gagcgaatga ggtgagtga 60
 ggcccagaaa gttgaagcag gaacgatccg agccttcagt taatcctaac gtcacctcta 120
 amgtttgrgg taawgancgt ttcaggaaac caagggggaa ccaacgctca gcacagcaga 180
 gaaagacacc aagctacggg acccgccgcg cctcc 215

<210> 36399
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 36399
 ttcactgaat gtactaggtg attataaaaa ttagattttt catcatatat cagtacttca 60
 cctaatatct atgcaagcca tttttccaac acaggtgata gaactangtt atttaaata 120
 gcatttttag atgctgtctt agtttgctat tatgtgagct atattgtcta ttaaggtaaa 180
 tagttgcctg taattatcta ttgactacta atactttcat ctttaagttca gggggccaaa 240

<210> 36400

<211> 69

<212> DNA

<213> Homo sapiens

<400> 36400

gaagcgaatt tatgdaaaaa gtaatccaaa gtsgaaagat cgtaattaca aggtttgatt	60
ttttttttt	69

<210> 36401

<211> 401

<212> DNA

<213> Homo sapiens

<400> 36401

tgttatcata tgttacaaat cattgctaaa tccaaatgta atgaaacttc tcccctatgt	60
tttcttcagg tagttttata gtttcagggt tatatttttt gttttgtttt gtttgtwwgt	120
tttgggatga agtttdgctc ttgtttgccc aggctggagt gcagtgggtgc agtctcggct	180
caccgcaacc tctgcctccc aagtagctgg gattacaggc ttcaagcaat tcttctgcct	240
cagcctcccg agtagctggg attacaggca tatgccacca tgccgggcta attttgtatt	300
tttagtggag accgggtttc tccatgttgg tcagcctgdn btcgaactcc tgatctcgtg	360
atccgcctgc ctcagcctcc caaggtcctg ggattacagg c	401

<210> 36402

<211> 361

<212> DNA

<213> Homo sapiens

<400> 36402

ccgaacattt gcttactcac gggcctctac ggtgagtgtc ctcagcttca ccttccacga	60
ctgcacacct ggtacttaaa cctgttcttc agtcaccttc ctaagagaaa tctggttggc	120
ccagctaatt accgttgtcc ttgtttcgga agaggctgtc aggcctggct cacgctggc	180
attggccaac ctgtctgttc ccttccctgg gatctggtgc ccatccctgt ccagtcacct	240
gtgatacaga acaggtgtgc ccgagactgc tacctcacca gggccaggga gwaagagggg	300
maggcaccaw accaaawaca arcctggtac gtgtgccata gcttgctttg tgcamccctg	360
a	361

<210> 36403

<211> 109

<212> DNA

<213> Homo sapiens

<400> 36403

ggccggggcg ggtggskcac gcctgtaatc ccagctctca gggdggctaa gaggcgggag	60
gatagcttga gccaggagt tcgngacctg cctgggcaat atagcgaga	109

<210> 36404

<211> 207

<212> DNA

<213> Homo sapiens

<400> 36404

tatgcatatg actcatcaat atatctgtat ttccatatag aaagaacact tagaccgggc	60
acagtgactc acgcctgtaa tcccggcact ttgggaggcc ggggctggcg gatcacttga	120

ggccaggaag tcaagaccag cctggctaac atggcgaaac cctgtcacta ctaaaaaata 180
caaaaattag cctggtatgg tggcgca 207

<210> 36405
<211> 215
<212> DNA
<213> Homo sapiens

<400> 36405
cttaaatgta ataaaaatgt agccctcac attagcctca tttcaagagc cacatgtggc 60
taccgtattg taagcagagc tcaagaacat tcagcaatat tgtgagagtg gctaccatat 120
tgagagcaga gctctagaac attcccttat ccagaaaagt tctcttgagc atgctgctca 180
aggtggtgaa ctctgagatc tccagtcacc ccgca 215

<210> 36406
<211> 108
<212> DNA
<213> Homo sapiens

<400> 36406
taagccatgg gaattgatgg agtcctctag gtagagttta aagaatgaaa agaaaagaaa 60
atccaagacg tctttggacc ccaaacattg agacgtttcc cagaggag 108

<210> 36407
<211> 73
<212> DNA
<213> Homo sapiens

<400> 36407
cttgcnaggg cwgggggcaac caccgcaggw cgagacagca ggcggcwcaa gyggacagcc 60
gggayggcag agc 73

<210> 36408
<211> 92
<212> DNA
<213> Homo sapiens

<400> 36408
tactatgttc tagagactgt ctacggttct tcacttatgt tagtccactg aatcctctaa 60
tagccctatg ggatatatgc tggtatgatg gc 92

<210> 36409
<211> 107
<212> DNA
<213> Homo sapiens

<400> 36409
actttgaact tgagagagat gatttagggg atctggtgga agaaatttct aagcagcaaa 60
gcmttcaga ggtaacttgg gtgctgttaa aggcattwcag ttgtaaa 107

<210> 36410
<211> 320
<212> DNA
<213> Homo sapiens

<400> 36410
ctctcccgt ccttttaaac cccctgcac gtagagagcg ggctggattc tctgtggtgc 60
tgatggagga gggggagcag gttgaaacaa tcgagtgggc gcgccaggac tccccagctm 120
btggrcgggg aagggagggg gagcccctgt tctgcyagg gaggcggcgg ggctgrrggg 180
cccccggaac gwggagagg caggggtgac cgctagaata ggaaagtgt ccccccggg 240
aggcaaaatt tcgttcagat cgcacattaa ttggagatat ctgattaatt ccagcttctg 300
atgactataa aatggcgatt 320

<210> 36411
<211> 67
<212> DNA
<213> Homo sapiens

<400> 36411
caaatgcctt tcctmaagaa tctgtttttt cttccccagt cttccctgts gggcattgtt 60
cagcagc 67

<210> 36412
<211> 115
<212> DNA
<213> Homo sapiens

<400> 36412
ggccggggcg ggtggctcac gcctgtaatc ccagctctca gggkkggctaa gaggcgggag 60
gatagcttga gcccaggagt tcgagacctg cctgggcaat atagcgagac cccgt 115

<210> 36413
<211> 287
<212> DNA
<213> Homo sapiens

<400> 36413
aacaccctga atcgdgctcc acgcaggaga tcggtgagga gctgatcaac ggagtcattc 60
actccattct cctgcgcaag gtgcagctgc accacggagg caacaagggk cagcsctggg 120
htsggktatg agaatgrgtc ggccctgaac ctttatgaga cttgcaadgg tgcggaccgt 180
gaaggctggc acgctggaga agctggtgga gcacctggtg ccagccttcc agggcagcga 240
cctctcctac gtcaccattc tchtgtgtac ctatagagcc ttcacca 287

<210> 36414
<211> 106
<212> DNA
<213> Homo sapiens

<400> 36414
tgtaggaata aatggtataa acgtagagaa aatcatgggc tatctgcaga attgtatgta 60
agtaataaag caacagcaga accagttaat tactcatggg caaatc 106

<210> 36415
<211> 197
<212> DNA
<213> Homo sapiens

<400> 36415

tcaaaggacg ttatagtga gaatcataag atttttgggg aggaaacacc tatagagaga 60
aagttagaaa aagarctaata aatttctggc ctgttcagtg gctcacgnvt gtagtctcar 120
rmactttggg grggwwgaag gcaggcggmt cacttgagat caggagttca cgaccagcct 180
ggccaacatg gtgaaac 197

<210> 36416
<211> 102
<212> DNA
<213> Homo sapiens

<400> 36416
gttcatctta ttcgcbagcc amagtaggra cagcgtaaga ggagagagac acrttcagca 60
gccaraggac tcggtggaag gagcmgaaca ccatagacaa ta 102

<210> 36417
<211> 243
<212> DNA
<213> Homo sapiens

<400> 36417
ttgcaaataa caagacttta tttttaaggg ctgaatggca tttcattgtg tacatatacc 60
acattttctt tctccattca cctactgatg aacactcagg ttgattccat accttagtta 120
ttatcagtaa tcaacttctt ccctttcatw tgtgtttgtt ttgttttggt tgagatggag 180
tctcattctg tcgccaagc tggagtgcag tggcgcggtc ttggctaaca gcaacctccg 240
cct 243

<210> 36418
<211> 102
<212> DNA
<213> Homo sapiens

<400> 36418
aagattggac gccccgdktt aatagmataa aattatcatg atttcttctt ccatctataa 60
cttaaccrkv daacctttaa aaaataccat acatatttat ga 102

<210> 36419
<211> 289
<212> DNA
<213> Homo sapiens

<400> 36419
tgaaatctgg atttgagtgc tgagttgacc attgcagccg tggatatgatt ctggtctctg 60
cataaagtaa ccaagctttg ttttctggtg tgataccttt cctgtatttt tattacagtt 120
cagccatawt tagttttctt gttttaaac aactcaagat aagaaattta acttttttct 180
cccctgaata tcaaagtgat actgtctgtt acagaaaatt ctgaaaatat gggaaggtat 240
aaagaagaaa tttcaaaatt accagtaatc cagtcactca accagcagc 289

<210> 36420
<211> 103
<212> DNA
<213> Homo sapiens

<400> 36420
aacatccatt ttacttgtgg ggaaatagat tcgggaasct gggttcaggcc trrggaaata 60

ggagagcctg gaggctgtgt ggactcctgc vtcccccaat tca 103

<210> 36421

<211> 136

<212> DNA

<213> Homo sapiens

<400> 36421

cagtcagtta ggcaaagaga acaaactata ttcacctgcc aggtatgcag atgcattatt	60
taagtcaccc gatatacagat cagccagttt agaggacctg tgggaaaatc tgagttttaa	120
gcctggccar ctccct	136

<210> 36422

<211> 60

<212> DNA

<213> Homo sapiens

<400> 36422

aattgtcact gatgttwatt attccccctcg atgccacagg gctctgatag cagcactggt	60
--	----

<210> 36423

<211> 458

<212> DNA

<213> Homo sapiens

<400> 36423

caattttgtt gatcctttca aaaaaccagc tcttgatttc cttgattttt tgaagggttt	60
tttgtgtctc tatttcttcc agttctgtgc tgatcttggt tatttcttgc cttctgctag	120
cttttgaatg tgtttgctcd tgctcttcta gttcttttaa ttgtgatgtt aggggtgcmn	180
ttttggatct kncctgcctt ctcttggtgg catttagtgc tataaatttc cctctacaca	240
ctgcattgaa tgcacccag agattctggt atgttggtgc tttgttctcg ttgggttcaa	300
agaacatctt tatttctgcc ttcatttcgt tatgtaccca gtatgcattc aggagcaggt	360
tggttcagttt ccatgtagtt gagcggcttt gagtgcagatt cttaatcctg agctctagtt	420
tggttgact gtggtctrag agatagtttg ttataatt	458

<210> 36424

<211> 365

<212> DNA

<213> Homo sapiens

<400> 36424

taccacaaat tatgcagtcg agtttccac atttggggga gtcgcagggg tccgcacatc	60
cggagtgcga tggatgggcc tcgccctggg aaaaccacct tcgtgatcat ggtatctccc	120
ctgccagtga ctaccttgca caacggcatg tggcagaagt gatgtccagg gtctcccgag	180
gctgggtcgg aggcacctt acagctccca tctgggtcta ccggaatcgt cttggaggnt	240
wgcgccgcca tggagaagg ctgactacgc aggtgccgt gtcgtgagga agcccgaggc	300
tttgtggaga gaaatgcag gaaacggtt cagtccccag ccgagaccct aggcacarg	360
gagca	365

<210> 36425

<211> 134

<212> DNA

<213> Homo sapiens

<400> 36425
 tacatgaatg gcacaggtcc aatttttagtg ttccttctct atttgaggga gttctgggcc 60
 ctcttctttt aatccttcac cacttaccat tgggtgctcat gtattcaaat aagcttctcc 120
 tagaaggcgg ccct 134

<210> 36426
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 36426
 tgtttgaaa agcatctgtt cagccacgcg tggctttctc tactgagaat acaaaattag 60
 ctgggcgtgg tggctcatgc ctgtaatccc agctactccg gaggttgata cagaatccct 120
 cgaaccggga argcagaggt tgcagtgara caagatcaca ccattgctct ccagcctggg 180
 caacaagagc aaaactccat ct 202

<210> 36427
 <211> 74
 <212> DNA
 <213> Homo sapiens

<400> 36427
 ctcattgaac tcgcctgcag ctcttggggt ttttgtggct tccttcgtta ttggagccag 60
 gcctacacca ccac 74

<210> 36428
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 36428
 aagaaggatc attgaatgga tctcgtgata tttcaggctt taaacgtaac cgagaggcag 60
 caatgaacaa tgcctcgtca cagctaatac catccagcga gttggctttc ttttgcattc 120
 ggatctatta caccgtgttt ttctctttca ctttcacagg agacaaaatg cacaagggtt 180
 aggcagaaaag cgaagtttcc aggaaaagca gatgctgggtg tttgttttta aaagtagaat 240
 gaccagagtc tttctattgc cagcaacaat aatgtcgttt taaaattcct tctgatgcac 300
 ttatatagta ctgccagccc tcgccctccc acccccacc 339

<210> 36429
 <211> 285
 <212> DNA
 <213> Homo sapiens

<400> 36429
 cataaacaaa aagtgctagc agagtgattc caaaacacca gatgctttca aacactgwca 60
 tccctataat tatttttata atatttctat ttgtttctaa ttataamact agtacatgck 120
 wattttggac aawtwggaaa agymmaggmca aatagaaawa tgaraacvra acatatcatt 180
 gttattctta gaactttttt cagccactag attcagtact aggctcatgt gagattttwa 240
 gcacagagtt cagagacatg gcatgaaacc tgtatgcata gaagc 285

<210> 36430
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 36430
taaggaatgc acaaattgaa aacacactca aaagacaaac atgcragtaa agavaaaaaa 60
aagaaagact tt 72

<210> 36431
<211> 275
<212> DNA
<213> Homo sapiens

<400> 36431
ttgaattatc atctatgagt tactgaatgg agaaaatgaa tctctttcaa atgaatagaa 60
agatggatga ggatctttgg gtgactcttt tttgttttga aaatttataa cagcttcaca 120
ggtagaaaaa aataataaaa ttaacccccca tgtgtgcatt actaagtgtt aacagttaca 180
atatttacca aagttgtttc atttatcatt tcttsatacc tgatatgggt tggctgtgtc 240
ctaacctgaa tctcatattg aattgtagcc cccat 275

<210> 36432
<211> 201
<212> DNA
<213> Homo sapiens

<400> 36432
agttgaccct ggtgggtaaa cagatgcatg agagtagatg ggtagtcaga ggctggggat 60
ggctggaggt tgggaaggag agggaagaag agtggtcagt tggcagatag gtgagtactt 120
gtgaggtaga caggtggaag gatgagcagg tagacggctg gttgggttaca tctgtttggag 180
gttgatgggt ggcagggaca a 201

<210> 36433
<211> 318
<212> DNA
<213> Homo sapiens

<400> 36433
tgaactaaag tattttaatg gattgtgttt tatagactat agtctttcag aagaagcaaa 60
caagatcttc tggaacttga tcaagctaaa gtgaaaatgt aaagagatga cagtatgatt 120
agattttgtt gtgttttctt taatggtgaa gagcaatagc ataatttctt taacagaatg 180
ggctcaggca ctgtgcagac ttccttctgg aacactgtct atgtaagaaa agcatctggc 240
atgttttaca tagatgctgt atggaaatta tgatgatacg gatcacatga atttctttga 300
ctbatggccg gttttttt 318

<210> 36434
<211> 188
<212> DNA
<213> Homo sapiens

<400> 36434
ttttcttaca tactgrgcaa ctgtctgtaa cccgtttggc cgggggtataa attcctgtgc 60
accataaac tctgaggact gcgtcacaca tggcgtgggg cccccagtgg gtcccttgac 120
gcagcttggg aacaacatkt cgctcatgag gggtttggat aacawtyckc tctgggtctgg 180
cagtatcc 188

<210> 36435
<211> 109

<212> DNA

<213> Homo sapiens

<400> 36435

agaagcgctt ccgaggggagc ggagggggaga ccctacaaag ccaaggaagg gcgggagtg	60
aactgggmtc agtaaaacgc gataggtcat tataactcac ccccttga	109

<210> 36436

<211> 358

<212> DNA

<213> Homo sapiens

<400> 36436

atttcaatgc ctgtgtatcc agtgtatagt gattaaatct ggataattgg gatgtgcagc	60
acctcaaaca tttatcattt tgtgctgtga acattcgaaa tcttctagct ttttgaaaat	120
atacactaaa attactgtta cccatagtca ksctgcattg ctgtacaaka ctggaattta	180
ttcctctctt ctagctgtga ttttgtatct gttaaccaak ctctcctagc ctctaataac	240
cacaattcta ctctctacct ctatccgctc atgtttttagc tcctatatat gagtgagaac	300
acagtattta tctttctgtg cctgacttag ttcacttagt ataatgtcct ccaggcca	358

<210> 36437

<211> 421

<212> DNA

<213> Homo sapiens

<400> 36437

actatactat aaactatgtg ctaatatgtt ctaaaaacaa tgtaattacc ctaattaa	60
aattctttat tggtaaaagt gctaagcatc atttaaaactt ttagcaagtc ctgatctttt	120
tgctggtcta agrttccgcy tcaawattga tggcaactgg cttatcaggg cagtgtttac	180
cgaagttgga atggctgtgg caatttctta aaataagaca acaatgaggt ttcccacatt	240
gattgacttt ttttcataaa atatttctct gaagcacata atgttatttg agacatttta	300
cccacactgg aatttctctc aaaattgaag tcagtattct caaacactgc cagtgtctgt	360
gcttttgcaa ctaagtttat ghaatadtca aaaatcttca tgttctcatt tcaacaatgt	420
t	421

<210> 36438

<211> 91

<212> DNA

<213> Homo sapiens

<400> 36438

agctctgggc gcagaggttt ctgggagcca agagtggww tggcgtctgt atgatctkcg	60
gmgcctgctg catcggrcct cggccagtca t	91

<210> 36439

<211> 395

<212> DNA

<213> Homo sapiens

<400> 36439

aggatgaact ccgtttttcca ctggaaggct tcaagaggct aaaggcacc caccgggcttc	60
tccccgagga agggactgag gacagaggag ggccacgggt gcmwtgagga cagctccggc	120
tcaanagcgt ccctggaccc ttgactctca gcttgtcttg tcttccttaa taaatttcag	180
tttgcggggg aggggagagg gatagcatta ggagatatac ctvatgctaa atgacgagtt	240

aatgggtgca gcacaccaac atggcacatg tatacatatg taacaaacct gcacattgtg 300
 cacatgtacc ctaaaackka aagtataata ataataaaat taaaacaaaa taaataaatt 360
 tcagtctgaa caaatattct cactttcggg ggaca 395

<210> 36440
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 36440
 tgcttgata ttgggggtcca acagacctgg ctgagttcaa tgtcagcttt ttctttgact 60
 gtgagtgatt tacttaacct ttttgagccc cagttttctc aacttagawa gactattttg 120
 aggataagga agaagttggt gacgattaga aatgcagtca cgaacatagt ggactccttt 180
 gtataaagaa tcagacaatg catgcttata actgcagaat ctggtattat gggtaacat 240
 taggggaaag a 251

<210> 36441
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 36441
 ataaaattag aaattaaact cacctttggc aagtcctcct gaccagggat gggtcctcat 60
 gttagtctgt aatgtgaaga tatga 85

<210> 36442
 <211> 120
 <212> DNA
 <213> Homo sapiens

<400> 36442
 cctattggct ttttacattt aaattatgga gcacttcac atataaaaaa cttcaattat 60
 atttaaacag taagtctttg gatttttktg ccttgtaatt tccatattac ataataatga 120

<210> 36443
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 36443
 gctggggctg ggggkgtttg ttgggctggt gagttttcga ggtgactgtg ctgtgctcgg 60
 tgaggggacg cccagagagc cctgacccgg ggtcactccg tcgccgtttc tcctcttctg 120
 tacgtgctgg acccggtgc 139

<210> 36444
 <211> 76
 <212> DNA
 <213> Homo sapiens

<400> 36444
 atttctggtt ttctctctt tgaataagaa gtcagcagtc attcttatct tcctttctgt 60
 gmacatgatg gttttt 76

<210> 36445

<211> 91
 <212> DNA
 <213> Homo sapiens

<400> 36445
 ttgcattttg attgtttcaac catgggttta gtcacaatga caaagggttac ccaggtacca 60
 gcacccact cccagctgca acccagggaac a 91

<210> 36446
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 36446
 gaagctgact ttttaaggcat tggcttttta attaatacat atatccaagg atatgttata 60
 gctgcagtgt ttgaaagcca aaggatttaa gagttttgtt gttgttaata aaaggaatac 120
 tccttttctt tttggtatcat agcttaaca 149

<210> 36447
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 36447
 tatgctgcca aaaagtacat tgtccctcac cttgccagag cctgtgttaa tttcctggag 60
 accagcctga gtgccaagaa tgcctgtgtg ctctctctcc agagctgcct gttcgaggag 120
 scagacctra cccagcggtg ctgggaggtg attgatgccc aggctgagtt agctctcaag 180
 tctgagggat tctgcatat tgacttcag acactagaaa gtattctccg tagggaaact 240
 ctgaatgcca aagaaattgt ggtttttgag gcagctctca actgggcaaa a 291

<210> 36448
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 36448
 cttctcaaca gttaatgatg tgggttgat actggggacc tgtggaaaac catttctaata 60
 ggtggagtgt taaacaagtg gggggccgct gtgtgccact gagagcctgg cctctgctct 120
 gdcttctgtg cttttggaga gagaccccca tccccaaaga tggctctcct ctgggtggag 180
 ttttctctgg aagctgcctt tcagtgatat gcagatatct ccacctactt cccctggtct 240
 agccccagtg atagttgttt attgcacgca gtctcaaggg aaaattgatt gggatattga 300
 ccactggtaa gggcacacat caagtttggc atttatattg acttaagacc tggac 355

<210> 36449
 <211> 74
 <212> DNA
 <213> Homo sapiens

<400> 36449
 caattctttt ggattttcta cataaataat aattttatct tcaaacaaag ataattttat 60
 ttcttccctc ccta 74

<210> 36450
 <211> 454

<212> DNA
<213> Homo sapiens

<400> 36450
tccaaatgtc tttctccctt gctaaattat agcaggagca tgctaaatat ttcattcagac 60
tactggaatg atgggttttac attttaattgt ttgaaaacat aatttttggtt caattgcagt 120
gtaaaactat tctcagtaac tttaaacttg aaaacttggc accaaattta tttaggtaga 180
aactctttta aaatagtttc ttcctattat taactgaaga atatatttaa gaaagtcttc 240
ataattaaat aagagtttgg ataccaaagg gttaaaaaata cacatgtatt tcttttgctg 300
aagatatctt agatgtttgc taatgtttta tctttacaaa tggacaattt agtaatgttt 360
tttatctttt tttaatgatt ccatgtattt gcttatttc b atctaggaat agttactaat 420
gtatttgaga tacagcatac caaattttta agta 454

<210> 36451
<211> 111
<212> DNA
<213> Homo sapiens

<400> 36451
acttgcgga stgtgtctgc gcgagttccc gtgcggtgcc ggcagctgga ataagtcgcg 60
ctttcttcct caaacttggc gaacttggag ggtgcttgwc cccagagagg a 111

<210> 36452
<211> 240
<212> DNA
<213> Homo sapiens

<400> 36452
catcttgga gaagtaactt actgtatggt tattcccaca gtgtgagtgt catcatctaa 60
ctgccctcat gcttcttttt aggccagaaa attagtccag aaggaaaagc taaaattcag 120
cttcagctgg tctacatgc aggggacacc aactaacctt ccatttttcc aatgadagca 180
cagcagtga agagcgagat gcagtaaaag accttcttca gcagctgctg cccaaattca 240

<210> 36453
<211> 116
<212> DNA
<213> Homo sapiens

<400> 36453
cttctcttct atgttgttca ttctgtggtt tcacagatgt gtgatgcatg tgcccaccac 60
tgcagtgtca cacaggatct cactgccccg gagtctctct cgctgtcccc gcccca 116

<210> 36454
<211> 183
<212> DNA
<213> Homo sapiens

<400> 36454
ttgttttttg ttattattat acttcaagtt ttaggggtaca tgtgcacaac gtsaggtttg 60
ttacatatgt atacatgtgc catgttggtg tgctgcaccc attaaactgg catttagcat 120
caggtatatc tctaatgct atccctcccc actcccccaa ccccaaca gtccccggtg 180
cta 183

<210> 36455

<211> 332
<212> DNA
<213> Homo sapiens

<400> 36455
tagaatctca agaatctcag ctccagctgg gaggggaccc tcagcggctc agcggctcag 60
ccgtggtggc atctaccctc cctgttttaa gaaggaatct gaggggaactt catgtgcaga 120
taatcaaagg gacaatgtct cttgttcatt cctgtggtcc aggcacctga acgaaggyst 180
ggcaaccttc attcctccat cccacttttt aagaagckyt ctctatgctg agtgctggga 240
atatagacaa gtcacagaac aagacacaca acccaggagg gaaacagatg tacttctgga 300
ctcacgggcc tggggcaacc cagcamagvt ct 332

<210> 36456
<211> 239
<212> DNA
<213> Homo sapiens

<400> 36456
catttttttag tagagatggg ggtttctcct tggttggtcag gctgggtctcg aactcccgac 60
ctcaggtgat ccacctgcct cggcctccca aagtgttggg attacaggcg tgagccaccg 120
cgcctggcgt tcagtttctt cctagggccg dtcttrtcac ccmaaatare tgcwaccag 180
aggggagggg ttgacctagg ctraatatcc actttgtttt tatggawggc tcccttccc 239

<210> 36457
<211> 150
<212> DNA
<213> Homo sapiens

<400> 36457
taatagttat aaaaaataa aattgccttc ttaaaccattt tcaattgtac ggtctagtga 60
tgtaagtat atttacatta tattgcaatg ggtgtctaga tttattttat cttgtaaaat 120
acaataccca ataaaaata aactggccat 150

<210> 36458
<211> 291
<212> DNA
<213> Homo sapiens

<400> 36458
ttgtwttact twatttataa ctgacacata ataattgtac atatttatgg ggtacggtgt 60
gatatttcaa tacatgtatt aactgtata atgtcaaaawc agagtaatta agcacatcca 120
tcactttaaa tacatattat ttctttgtag tgatatcatt caaaatcctc tcttctacct 180
atgttgaaaa tataccataa actattgtga gttatagtca ttctattgtg aagtaagaac 240
accagdmag tcttcttttc catccaactg taactttatg cccaatgccn a 291

<210> 36459
<211> 101
<212> DNA
<213> Homo sapiens

<400> 36459
cctgtgctca cctcttagct tgctaaacgt gammttccca actccacccc aatgcccatg 60
ctaggaaggg cactggaagg acctggaaaa tgggtgttgag a 101

<210> 36460
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 36460
 ctaacaactt kraacargta kcaattaaag gggatgatgat aaggagcatt taaggatgat 60
 ttccagggttc agggatgtag attaacgctc cttaagtggc act 103

<210> 36461
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 36461
 attgtgtgct ggtgatkgtk agtacaggga akcagcggcm gcyatttcag ggagcttgtc 60

<210> 36462
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 36462
 cagccatttc tccaggagat cttgggttct tataatggag aatggatattt atttattttt 60
 atttgmtttg attattatta ctatttttga gacagagtct cgctcttgtc gccagggtg 120
 gattgcaatg gcacaatctc agctcactgm aacctccacc tc 162

<210> 36463
 <211> 66
 <212> DNA
 <213> Homo sapiens

<400> 36463
 acatttctgt aatggcgtcg ctcggggtcc cgggaaattg cwccgtgggc ttccagcggc 60
 ggtttc 66

<210> 36464
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 36464
 ttccacctct gcctsatctg ttttggttgg gagmtggagg ccatgtggga ccaaactgtg 60
 gcccaagtat ccaggactat gcagggtatt 90

<210> 36465
 <211> 263
 <212> DNA
 <213> Homo sapiens

<400> 36465
 caaggactaa aaatataact gctaaaaatc ctgcaaaatc taatacmagt aaacctaata 60
 caatcaaata caacgcaagt aaacctaata caagtaagcc taaatggaag taaatctaaa 120
 tacaaccaa aaatctctaa tatgcaaaaag aracaaagca cattggctag tagcaaataa 180

aaaaagtaaa gtcaatacag cattgaggaa ttttaaggtaa tcttttatwm ctgawataca 240
atataatttta aacttaagta taa 263

<210> 36466
<211> 248
<212> DNA
<213> Homo sapiens

<400> 36466
aaataaatgt tggcttaatt tgcagaatag ataaaacaat tgatgttttt gtgtgttcaa 60
gaatgcatta aattctttta atagtataaa gtcaaattac gaccataatg agtattttta 120
tcttgttctt gttcagtatt ttgtgtagat ttttattgta attgtcctga gttctacagt 180
atgtgaacaa tatcgtgtga agtgtgtttt tgcatttgtg catttaaatt atttatgtgm 240
ctagggt 263

<210> 36467
<211> 152
<212> DNA
<213> Homo sapiens

<400> 36467
caagcattcc tatacactaa taacagacaa acagagagcc aaatcatgag tgaactccca 60
ttcacaatta ctacaaagag aataaaatac ctaggaatcc aacttgcaag ggatgtgaag 120
gacctcttca aggagaacta caaacacact gc 152

<210> 36468
<211> 63
<212> DNA
<213> Homo sapiens

<400> 36468
caggtttctc attaascttt tacttaatgg tttwaatagc caccgttcag tgcttatcaa 60
aca 63

<210> 36469
<211> 113
<212> DNA
<213> Homo sapiens

<400> 36469
tttacacaga gaggtttttc attaggccaa gggtatacag ctagcagagg ggctttgatt 60
catgactwnt tataaaagtg mtgtatgtag aaagcagagg ggtgggaagc ttc 113

<210> 36470
<211> 218
<212> DNA
<213> Homo sapiens

<400> 36470
cccaatgatc aactattcga atctccttct ttcccatttc cccattcctt taactcccca 60
cttcccttat ccttctgcta taccatccct aaccctgtaa cctcatgatg ctggattcgt 120
tgctattcac ggtctaagag atgcagcagg agaaaaatga tamcaattat gtaaattgtt 180
gctactatga aaaacagttt ccagtctcac tgtagcaa 218

<210> 36471
<211> 80
<212> DNA
<213> Homo sapiens

<400> 36471
acaactcatcc ctctccctac tttccctgca ccccagggga cacttgcttt cttgtctggc 60
tcctctttka ttccctactcc 80

<210> 36472
<211> 133
<212> DNA
<213> Homo sapiens

<400> 36472
cctgaaatga ctgctgtcac catgcagtga ttttassccc cttccctggc ctcaggaata 60
agccaagaaa ttctagtgtg gcagaactga gcttggtggc ccttcttgta ctgatggaaa 120
tagtgccatg tcc 133

<210> 36473
<211> 339
<212> DNA
<213> Homo sapiens

<400> 36473
tttcattatt ttttaatggc caaatagtat cccatttgtgt atatatgcc a catatgtcca 60
ttaatctgtt tttgttttgt tttgttttta aaggcagggt ctcaactctgt caccagggt 120
ggagtgcagt ggtgcaattc atggctcamc kgmagtgakk agccgggacc acaagcatac 180
cccaccacac ctggctaatt aaaaaagaat tttttttgta gaaatggagg tctcaactatg 240
ttgccc aaac tggctc taaa ttcctgggct caagcagtc tctgcctcg gcctcccaga 300
gtgctaggat tacagaccta gcactgtgcc tggcccca 339

<210> 36474
<211> 149
<212> DNA
<213> Homo sapiens

<400> 36474
tggattttta tatatagttt gtttttktgt ttttttttgc gagacggagt ttcactattg 60
ttgcccaggc tagagtgcag tggcatgac tcagctccct gcagcctctg ctcctctgggt 120
tcaagcgatt tccctac ttm agcccgycg 149

<210> 36475
<211> 304
<212> DNA
<213> Homo sapiens

<400> 36475
cataacttgt atgcgtatag gtatttttatc tggattgaag tattaaacat ctgtatacaa 60
atcctaggta ttttcacatt gctttgaaac tgacaaaata ttacctgcta kgtacaattg 120
actcattaat ttgttataca taggatacag caacaaatct ggctttatgc aatccaaaaa 180
ctgataatca ccacataatt tttcatctga atatgttgca ataggtttta attttattgc 240
tttgaaaaca ccgtattaca gtactgtatt tatgacgtaa cttatattag catgatgcgg 300
aagg 304

<210> 36476

<211> 83

<212> DNA

<213> Homo sapiens

<400> 36476

gaactcaccc	tatcacacgt	tgacgaatgc	aagagcctgt	tagagacact	ggaacccaag	60
atggtgtcct	ggggaartgt	cg				83

<210> 36477

<211> 229

<212> DNA

<213> Homo sapiens

<400> 36477

cattctggtt	attgatggaa	gcaaattgct	tcctatgttc	tctaaacctt	atgtcccttc	60
catactccat	gagtaccaca	ctgggagaaa	acaaaagcaa	aaagattgtg	ggaakaagta	120
tagccattat	ctttgaggaa	atgtgtacca	aggbacaatc	attaaaagga	gttggaggca	180
tcatttggtt	gacactgttg	tcattcttgt	tctgatcatt	ttggaccga		229

<210> 36478

<211> 341

<212> DNA

<213> Homo sapiens

<400> 36478

tcgaaatggg	caaatgagat	gtcataccac	acaaacctca	aggggaggag	ttcaggacaa	60
cttctcacca	tgggactact	gcatatagtc	tatacacaa	ggatctctgc	tttgtganac	120
agatgagctc	ttgcaaaact	ttattacaat	aattccattt	acaccaatag	agggtatcat	180
ataaaaccat	aatacacaga	tgattcccaa	ataacctcdt	cagcttagac	ctctctcctg	240
gacctacaa	ataaccaatg	cttagtgggt	aggtagctcc	tcctgaatag	acatctcvnn	300
ttaggtttta	aaaaccta	tctgtatctt	tctccccgc	c		341

<210> 36479

<211> 451

<212> DNA

<213> Homo sapiens

<400> 36479

caggggtggg	akkgagaatt	atttttcatt	gtatgccagc	ctttacattt	tgaatgttgt	60
accaagcatt	atctattcca	aaacacatca	tattttttaa	aatccttaca	avaagacaaa	120
aagcaaaata	gaaaatattg	tagcatttgt	tttcattgca	atttaccata	catgccatcc	180
aaagattgtc	tacttttttg	aacatttgaa	tacagtgata	gacaactgtg	atcctaaaaat	240
tacagttaat	ttatattcct	ttgctgggtac	taccaatct	tgcagtgcct	taggatcgtc	300
actgtggatg	ttgattttca	ttgtactcag	aatgtgaaca	tgtaatttaa	tagaagtatt	360
actatgataa	cagtttatta	tatgtatttt	tttagaaaca	tcagggtttt	tttggttaag	420
aaatgactaa	agttggatgg	tttatataay	m			451

<210> 36480

<211> 211

<212> DNA

<213> Homo sapiens

<400> 36480
 ttcaaaactc ttgttaatat ttatatTTTTg ttcttctctc ttgaatcacg aatgtttctta 60
 atggcatcta gaatggcaaa tcttttccgg aaagttttta awttactttg cmctaratcc 120
 ttcagaggaa tcaccagcta tggcagctat aaccttgcca aatgtatttc ttaagtaaca 180
 rgacttgaaa gtcagtatta ctcttgata c 211

<210> 36481
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 36481
 ctgactgga tacagtggct cacacctgta atttcagcac tttggtaggt ataggcagga 60
 gtatcacttg agcctaggag ttgagacca gcctgggtaa aatagtgaaa ccttgtttct 120
 acaaaaaatt taaaagttag ccaggaattg tggcatggcc ctgagggtcc agctacttgg 180
 gaggggtgagg caggagaatt gcttgagcct aggtcaaggc tatagtaacc tgtgaccacg 240
 cgactgcact ctatcctggc caacaaagcg agact 275

<210> 36482
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 36482
 ctgcaactgg tgttcaaacc gaactcaaac gatatacctc tattttgaaa tgtaagcca 60
 cttcccatct taataaatgg gaaagccaca gtcctaataa agggcctata aggccttggt 120
 ggagatactt cccagcttcc cctcagaacc tcttgctttt cttctcttgc tcacacaatt 180
 ccagctacgg tggctccttt gcagtacttc acacatgcca cgcacacccc cgtc 234

<210> 36483
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 36483
 cagaattgga ggctgaactc caggggtgcct ttgtatagtt gtggatgata ccaacagagt 60
 ggggaagggc agtggaccac tgtgctggag ttctcttgaa actgaccatg acctccctgg 120
 tgacagaaaa gaacagtcac caataaaatc tccttgaatg gtatgcagtt tacattaaca 180
 gggtagt 187

<210> 36484
 <211> 585
 <212> DNA
 <213> Homo sapiens

<400> 36484
 tagcatagaa acctctgctt gtccattcct gattgatggg tagctggcct ctgcttggtg 60
 actgcattgt gttgagcctt ggccccttga aatgtggtct gtggaccagc accatcagcc 120
 tctcctggga gcttggttaga aatgcagaat ctcaggcccc acctcagact tactgcataa 180
 tcggcatttt aacaagatcc ccaggagttt catctgcatg gtgggagtgagg gagagagtag 240
 aagttgaagg aggtaaabca ctgtgtgttc aggcgagaca ctgagggcct gagctagggc 300
 agtgggaggg agtaaaggag attgatgtgg atattatcct gggactcagt agctaactgg 360
 ctcttttggc aacagaagct ccaagatgac aagtttacag ttgggtgatg gaagaattkn 420
 vratcaagtt cataaaagta ggaagcaaca gattgtgtag cggatatcac tgattaattc 480

agtgatcctt gaggaccagg cactacttag gagttggcga cataatgaat gaaagtgtgt 540
cctctgtwct tggatatttac aatttaacat tgaaggactg gtttt 585

<210> 36485
<211> 339
<212> DNA
<213> Homo sapiens

<400> 36485
gtgaccagag ggacagtcca gccaaactat tatttgataa ggaaccaag gccctgggag 60
gcaacaggct agcccttagt ttcattggcta gctgagagca gattaggagc caacgttggt 120
tgcacatgtc ccatcacacc tgagatgtca gacatgggaa gttcgtgcta ttattcagtt 180
gcctctcttg accatggcaa gatttctctca ttcatacaac agactccagg ccctgacaaa 240
gcagttggat ttggcatgtg tgatgaaaac aattagccat ccatgtacaa cattatgctt 300
actgcatccc atggaaactt aaattccctc ctagcacca 339

<210> 36486
<211> 400
<212> DNA
<213> Homo sapiens

<400> 36486
caggttctga atgttcttta taaatgtctg tatactggaa tctagtcatt ctgtataaaa 60
aaagtttgta tacttggaag agattgtaaa ggattattagc gtagtgatc cacctcgagt 120
tttgttcatt gaaggatctt tttcattagt gtattccagt tgtacatatt aaaatctctc 180
acattttattg taataaattc ttctaaatat cacaggacta ctagaaatgt attacattgt 240
cccttagggt tgatttttta agtaatgccc acataacttt ttattcatct aataagtcag 300
aggtttaggt tgcaaatatg atttataactt ttaagatca tggcatcatt gtaggggaat 360
agaatttata tacatagaag tttaaatacta caaggcagca 400

<210> 36487
<211> 314
<212> DNA
<213> Homo sapiens

<400> 36487
ttaagttcac aaaaagccat tacaagaagt ggaaatagca gcaattacac atggtgctct 60
tcagggatta gcctacttac attctcatalc tatgattcat aggttaagtgc tttggaaatt 120
atatattgat aagtaaatgg cttgtttgca tatacccaac ttttagaatt tattaactct 180
aaagttttta ttgggttaaag ccawwtaaaa taatataagc tcatattttt ttagattttt 240
catgtcctaa aatgaacata gttgtatact ttatctcact aggataattt ttatctttgc 300
ctatatgtgc tgcg 314

<210> 36488
<211> 373
<212> DNA
<213> Homo sapiens

<400> 36488
agagctgccg ccgtggtgct gaggagccga gcgggcaggg agcctctagc tgctccagca 60
tcccacttgc tctactgccc ctgatcccgt ggacagcgca gtcagaggca ggagcaggag 120
aggaggaagc agaggaaaag gaggaggagwr gaaggcggct tgcaactcct caratccaga 180
gccggactct gagctaata gggagcagca gacacgdcct cccaaccctt cccccaaggg 240
gaaccaagc ctactggag cagtcgcagt taatcctacg tggatcctgc ctcctctccc 300

aatcctgtgg gtgggacata aatacccagc cagcctcagg gtgtgggccg agggcttgaa 360
gaagtagccg cca 373

<210> 36489
<211> 50
<212> DNA
<213> Homo sapiens

<400> 36489
tckcdaccgg cgggatthga tggcgwgawg tctcacagaa agtdctccgc 50

<210> 36490
<211> 220
<212> DNA
<213> Homo sapiens

<400> 36490
tgmkgggcat ttgggttgat tccatgtctt tgctattgag aatagtactg ccgwgaacat 60
acatgtgcat gtatcttcat aatagaatga tttatattcc tttgggtaga taccagtaa 120
tgggattgct ggggtcaaag gyatttctgg kttccagggt cttwrrggaa ttggcacacw 180
gtcttccaca atggctgaac taatttacet tcccaccaac 220

<210> 36491
<211> 150
<212> DNA
<213> Homo sapiens

<400> 36491
caggaaatac agagaacgcc acaaagatac tcctcgagaa gagcaactcc aagacacata 60
attgtcagat tcaccaaagt tgaaatgaag gaaaaaatgt taagggcagc cagagaaaaa 120
ggtcgggtta ccctcaaagg gaagcccaat 150

<210> 36492
<211> 119
<212> DNA
<213> Homo sapiens

<400> 36492
cagatcctgc tctgttcaat ggggttgagg atggaaaata agtccttctg gtctcctacc 60
tcatttcccc atcagagatt atatactcct ccttaatctt aaggggcttg cagaagggc 119

<210> 36493
<211> 126
<212> DNA
<213> Homo sapiens

<400> 36493
accgtgtcat aataacatat gtgttcctca gtgttgagggt ggaggctaaa ttcctgcaag 60
ccagtgggtta gtaataaacc caaataatag tgaagagagc tctggacaga gagttgaggt 120
ttaacc 126

<210> 36494
<211> 252
<212> DNA

<213> Homo sapiens

<400> 36494

```
ctattaatgt actawaaagg tagattgcta agaaggtgtg tgctttttta catattgtgg      60
tagactcttc aacttccttt ctacccctt ataatttaaat ttaaaccata cgaaaattgg      120
cttgtgaggr tatgtatggg ggawragaat ctaaccctwh cwatataada racacacatc      180
ggctgbrcat tatggccac acctgtaatt ccagcacttt gggagaccaa ggtgggtgga      240
tcctttgagc ct                                                              252
```

<210> 36495

<211> 114

<212> DNA

<213> Homo sapiens

<400> 36495

```
ctcaagttca aagttccaca gatctctagg gcagggtcaa aatgctgcca gtctctttgc      60
taaagcatag caaggatcag gagaacagca tgggggaacg tcccatgat ctaa           114
```

<210> 36496

<211> 211

<212> DNA

<213> Homo sapiens

<400> 36496

```
ctacaaaaaa aaatttaaaa attagctgtg caggaggctg agttgggagg yatcacttga      60
gcttaggagt tagaggttgt agaaagctat gatcatacca ctgcactcca ggctggatga      120
cagtgggccc tgtctctaaa acacaaaaaa aaactamcaa aaaaagtgtt taatccataa      180
gatgaccaca tttataggag gctcccggma t                                     211
```

<210> 36497

<211> 169

<212> DNA

<213> Homo sapiens

<400> 36497

```
ttacgttggt cagcagtagc tggcactatc tttttggcca tctttcgggc aatgtaacta      60
ctacagcaaa atgagatatg atccattaaa caacatattc gcaaatcaaa aagtgtttca      120
gtaatataat gttcagatt tagaagcaaa tcaaatgata gaactcctt                 169
```

<210> 36498

<211> 101

<212> DNA

<213> Homo sapiens

<400> 36498

```
acacaagtgc ggaagaggaa gagccaccgc ctgttaaaat agcctggaaa actgcggcas      60
aaggaaatcc ttaccagctt ccattacgat gcacaaaggg a                        101
```

<210> 36499

<211> 110

<212> DNA

<213> Homo sapiens

<400> 36499

agacagcctc aragctsgtg gggagacagc atgccactgg maaaattcgt agacatggaa 60
ttcctggatc aaatggtatg aracaattta aggtttcttc cccccaacgt 110

<210> 36500
<211> 347
<212> DNA
<213> Homo sapiens

<400> 36500
tacatgtaat gtataagcag tgcttggcac atgtgttgcc attatagtta ggatttttac 60
tatcagcttc ttagctact agggcactgc ttaaacaat taatgaaccc aagttttact 120
taaaagacaa tggaatctaa agccagaaag gaatgaaagc cacatgattg tgggcctcct 180
gtcctgccaa gagtcagggc tcagagtctc acgacbtgcc ttcaacagta gcggtccagt 240
ggttattgtt caccctggat agcatacaca ggcccggggg tgggctgctg gtgtttacga 300
agctcttcaa atgtttcccc mmmnttttta atgtaagcag cgggata 347

<210> 36501
<211> 189
<212> DNA
<213> Homo sapiens

<400> 36501
tctagctaga tccaagtctg ctctgcacat atctcatcct tcctggacca gtggccattt 60
gaggttcatt cttctcatgg tgaagggtgg gagcctaacg gagcaagccc agccatgcaa 120
gcatgtttca gatcatgtcc tctaattcct gtggcaagtc tcatggccaa acgtaagatc 180
aagggcgat 189

<210> 36502
<211> 308
<212> DNA
<213> Homo sapiens

<400> 36502
tattttattt ttcatttgaa tcaaggcctt tttggtattc ctgatagtaa aactatttgg 60
agaattgaaa atgaacttgt gttaaactct tcattctagg atcttttact attactaaag 120
tcaaagttaa ttacttcaaa tgataattag aaatcatcct gaaagacttt tgtatatggt 180
agaatagatg atggttgtgt ttttagtact tttgttgcaa ttatctatgt atggccagtg 240
ccagacagat aattttttac tatcctccct caactatttt ttcttatttt cttaactgat 300
tccatgcc 308

<210> 36503
<211> 132
<212> DNA
<213> Homo sapiens

<400> 36503
tttagtagag atgggggttc accgtgttgg ccaggatggt ctcaatctga ccttgtgatc 60
tgcccacctc ggctcccaa agtgctagga ttactggcgt gasaaccact cctagcctta 120
vtgcatattc tt 132

<210> 36504
<211> 258
<212> DNA
<213> Homo sapiens

<400> 36504
 ttgatatttt gttaacagct taaagaaatc ctgatataata gaccttaaga ctccaaaatg 60
 agagaaagca atgtcatgca atagtaatag ccatgtgttc atgtgcaaac actaataggc 120
 ccaatcaaca tttagatttt gacttgattt caaaatatta gtgtataaat taacagtgtgta 180
 aaattatgaa attatgagca atatcaagca acaggagaat ctatatatttc ttcaaagcat 240
 aattgtagcc cagggtca 258

<210> 36505
 <211> 120
 <212> DNA
 <213> Homo sapiens

<400> 36505
 tttcatttgt aatgaagaaa gtattacctt taatcttcta gttgggaaca tactttggaa 60
 ttcactctat ctaaccataa tgttttactg tatgtacttt gtgtgtgaaa gtgtgtgtgt 120

<210> 36506
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 36506
 tctgatctct gacctgctgt cttagctggg acgtcgagtt ctcccaggat aattatcgac 60
 cagctgccat gtaagacgtg cctttcagct tccaccatga ttgtgaggtc tctccagcca 120
 sat 123

<210> 36507
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 36507
 atacaagata acagaatcac aacatatcaa aatctawggg atacagcaga agcagtattc 60
 aaagggaagt ttatggcyat aattgcctac atcaaga 97

<210> 36508
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 36508
 ctgctgcac tgtctatgcc aaactaakca ataccgattg caccaccaa ctccattgca 60
 aatwcagckg tgaggagatt ccctttcaga caacttwgct gaaasagctt ggaaattcgg 120
 wgwcaaggg wtcgccagw wttcatgctt gcatwtwggg ctcmaaattg gcaactggaa 180
 ggggttactg agagcacaag gctgatacca ggcccat 217

<210> 36509
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 36509
 gawwaaatgc actgtaaata tgcttttagtt ttaattcagt tgggatgcac tacctagcga 60

aaattgagaa actatatact tctcagagaa atatctgaca tctattgtca ttccattgct 120
atTTTTTTTc cccagagaca 140

<210> 36510
<211> 145
<212> DNA
<213> Homo sapiens

<400> 36510
agttcagagc caccttaaaa gcaggaggca gttgttaaagt cgctggccag ctagtggagt 60
ggagactgca gagggagata aagagagagg gcaaagaggc agcaagagat ttgtcctggg 120
gatccagaaa cccatgatac cccac 145

<210> 36511
<211> 385
<212> DNA
<213> Homo sapiens

<400> 36511
traaaataaa actattggtg tygtagggtt gttttcaatt caagctaaaa gtgagatgac 60
ttggtttcca ctaatttttt ttggcgaaag aaaaagggcc ttaagttctc atgttctata 120
atTTTtcta atgtaataata krtttaasaa tttaaatgga atagcataac aggactatTT 180
ccaaactatc agagttaaatt gagctgaatt tttcagactg aaatcaaaaat tgggtgtatTT 240
attgaaaaaac aaacacaatt tctcaaagaa atataggtat cgctaagaaa twtdnngaga 300
tgTTTTTTTaa tttattatac ttttaagttct gggatacatg tgcaaaacat gcagggtttat 360
tacatatgta tacacatgcc atggT 385

<210> 36512
<211> 122
<212> DNA
<213> Homo sapiens

<400> 36512
cattcccata aaacacaaat tccagaagga aagatgggtgt cagcgacatc tcttacgctg 60
ttccactggt tgccctcagg tgactcggtc actgggttct gytggatgct tctagatctg 120
ca 122

<210> 36513
<211> 216
<212> DNA
<213> Homo sapiens

<400> 36513
aggagctcta cctccaagtg ggagccacac gcctgcaggg ttcagagcag acccttcccc 60
aggccccgcc tctctatttc caggggtgat aaagccatct ctgggctggc ttaagagact 120
gagggctgaa ctcaagagccc tgccaccccc aacagccttg cagcctccct grnbactttc 180
tgggcwrctg gggagtctta actatttctct ccccc 216

<210> 36514
<211> 211
<212> DNA
<213> Homo sapiens

<400> 36514

ccaagwcaaa gaaaggaggg gaaaaaaaga taaaaagcaa gccaggggttc cctgccctat 60
tgaaactcaa acccagactg ccttggggtt tatctttccc ttacccttg macctccaga 120
gaactgggac ctgaaatagt ccctccgttc tcccctttga ccatgtaata aatgaaccag 180
aagcactgag attaacctat caacgcctg a 211

<210> 36515
<211> 242
<212> DNA
<213> Homo sapiens

<400> 36515
ccttgtattg ttaaaacgag atcaggaaaa agcatggcaa ataggaaatt tgaatagmaa 60
tctgatgtat asmsycttaa cagatgaata ttgaaatagg atattttagg tagttgcaaa 120
agcattttat ttagtcatta atttattcat ccacatacat ccatcaatct catttatgca 180
ttaattaatt cattcattca aaagatgcat tttaaaaagt agtggatata atagatagcc 240
cc 242

<210> 36516
<211> 69
<212> DNA
<213> Homo sapiens

<400> 36516
acttcggcag aaacactggg gcattctcat tgccagcctc ggggggtggc tggcaciaag 60
agcccaaga 69

<210> 36517
<211> 119
<212> DNA
<213> Homo sapiens

<400> 36517
taaaatgcta ggattachnn catgagccac tgtgtctggc cagaatagag atatcttata 60
ggcagttgaa tatgaatgtc tggggcttag gacagatctg ggtgtgaaga tagaggtta 119

<210> 36518
<211> 253
<212> DNA
<213> Homo sapiens

<400> 36518
gatgggatcc tgacagcaga gtaactgcat caggtgggma ctgactttcc tctcagctgc 60
atccttcaga ggaaggtcct tcaaagtga atcgtaaga ggagtgggtg tattgctgcc 120
cactcgatgg gaaatgtggc tcagaggggw yccacacacc tgtaaataga gtaactacta 180
gataatgaca gcaagcaaag aaaaaattaa atattcctgt tgtakagata ccagccaaat 240
cttaccaaga ccg 253

<210> 36519
<211> 91
<212> DNA
<213> Homo sapiens

<400> 36519
taaggacaag gaaacctctg agtctaccta atatgttaag gacaaggaaa cctctggaca 60

gtggtatatt ggggaatttt tttttttttt t 91

<210> 36520
<211> 290
<212> DNA
<213> Homo sapiens

<400> 36520
attcaagtgg aggaatgtgc tggtagagaga aagacaagtt tggtttgga caaatgcagt 60
gtgagggccc cagcctcttg gctggccagt gaacacttcc aagaaccttc atacttaata 120
cctctatcac tcctccactc aacaggatat gccaggctgc aggctacagt gccgagaagg 180
agaagacgga ggcgatgggt atgtcaccca aggaattaag taagcagggg agctgataac 240
atcgtccagc caggctcact gtggrnnggg tgactcactg aagacggctc 290

<210> 36521
<211> 148
<212> DNA
<213> Homo sapiens

<400> 36521
tacatatcac ctctctaata aaggtttatt cctgwtgtat tgaggagccc tgaagtcagg 60
wtgwggaaat ggtgatcaag ggatcatctt tgaaatgtgc ttccccaac caactgtat 120
ctacattttc agtctccaa ccagcccc 148

<210> 36522
<211> 238
<212> DNA
<213> Homo sapiens

<400> 36522
ctgtttaaga grgaaaacaa agtggacttg atttttatta aggctgtttg tttttaagtg 60
ttgatagtga acgaaaagat gtgaagtaat gatatttttc tgcttacaac ttatccccac 120
tcattggagt gaacagtgac gcaagctcaa tagacttcat aagtgttcat agaattttac 180
aattctgagt gatcttagaa atcatttctg tttttacaaa caaggaaact gaggtcct 238

<210> 36523
<211> 90
<212> DNA
<213> Homo sapiens

<400> 36523
aagcaaacgg cagggcgcgt aataactttt ctttctttcc cttttgcgcg cgttcgatat 60
gcttgtctct actaccaact cctcagcccc 90

<210> 36524
<211> 94
<212> DNA
<213> Homo sapiens

<400> 36524
agttcctgcg cgtgcgcgct tggcctccct agtgcgggct ggcagtgagg gcagagcccc 60
grctgagagg ggcggccctr gaggagacgg aggc 94

<210> 36525

<211> 279
<212> DNA
<213> Homo sapiens

<400> 36525
tttcactgtc acaagaaaac aaagtgccac cgaagaaaag taatgactga gagcattgat 60
gtacttattt tgtcagtttg taacaggaaa gtggggggga gtctaagtct tcadagtctw 120
attgtycmag ktgggttdgm mctagatgta gaacacttgg aggcttactt tkcatggtaa 180
tgtccatttc ctatttataa cccctctggg aacgtttgtc taaaggaaat gtttctgttc 240
agtgtaacar ttacagttgc acctggattg cccagtcct 279

<210> 36526
<211> 106
<212> DNA
<213> Homo sapiens

<400> 36526
gcggaagtca gcggcgctccg gtcccagcct cctctgggag cgggcagttg gcgaccctgc 60
actgaccgcg gtccctccgt ctcgagcccg cgcgcctca gagggg 106

<210> 36527
<211> 75
<212> DNA
<213> Homo sapiens

<400> 36527
tttgaaagtt aggattgagt cccatcagaa gattatctga ttttatgaca gtaattctcc 60
aggatttggg aaaga 75

<210> 36528
<211> 65
<212> DNA
<213> Homo sapiens

<400> 36528
gcattcctcg cgccgtcttc ctggagtccc agctctcctt catcccgccc caacgctgac 60
gctca 65

<210> 36529
<211> 102
<212> DNA
<213> Homo sapiens

<400> 36529
gggtctagagg aatawttaaa catttttagaa ctattaacag gtaaagtact gaaatgggta 60
caacttaagg aaaacaagaa tgttgtcttc kaactctgac at 102

<210> 36530
<211> 107
<212> DNA
<213> Homo sapiens

<400> 36530
tctaaaaaca gaaactgctc ctgggggaga taactcggag gttaatctct gcrggkgccc 60

ggccacagcc tcgcgtcort ttccagagaa gggctctgag gttgcct 107

<210> 36531
<211> 255
<212> DNA
<213> Homo sapiens

<400> 36531
agttccaggc ggcattgagg ggtgagtcct tgggyccgat ggtgcaaggg gggattcagw 60
gcagctcagt ggcctcaggc cccggagctc caccatgctc cccttggtgc tgccgcttct 120
tgtacttctg cygctggccc cgggctargc grggccgccc hccagcgtg cccacaggcc 180
tgmactctgtg acaactccag gcgwcacgtt gcctgcgggt accagaacct cactgaggtg 240
ccagacgcca tccct 255

<210> 36532
<211> 114
<212> DNA
<213> Homo sapiens

<400> 36532
taaagtcttt atacttaaaa taaaaatttt agttatagaa taatgtaagc atactataga 60
aaatttaaac agcaacaaaa ccgtttttaa tattcaagct gcaatcccac ctct 114

<210> 36533
<211> 287
<212> DNA
<213> Homo sapiens

<400> 36533
gaaatatata taacagaaaa aatgctacaa aatcatatgg gccgggcaag gtggctcacg 60
cctgtaatcc cggcactttg ggaggtggag gcggatggat cgcttggggg cgggagttcg 120
ggaccrgcct ggccaatawg gtgaaatckc atctctacta agggtaacaga aattggctgg 180
gcatgggtgt gtgtgcctgt agtcccagct actcagggat gaggcacaag aatcacttga 240
aactgggggtg cagggttcag tgagttacct cgccactgca ctccagc 287

<210> 36534
<211> 334
<212> DNA
<213> Homo sapiens

<400> 36534
gtggtttgtgt gcacacacgg tagatgggga ttggtcatct catcttactc atctctctcc 60
cgacggtgcc tggcacgatg cctggcacat agaaactggg cagtgggtgt ttctgtgggt 120
tgaatggwgg sttggtccra cagacttgmc arkagtccav cttttaaact gacagactct 180
atktagaatt gcagtaaaact cttttttttt ctctatctgg gtgadtgaaa tcgkctgctt 240
ttggtgtaaa taacatgbac caaattttta gtgttgggcc tcacccttc accagtttca 300
gttttencag cccctgccca ttctgcccc cccc 334

<210> 36535
<211> 70
<212> DNA
<213> Homo sapiens

<400> 36535

tagtattcca tgggtgtatat gtgccacatt ttcttaatcc agtctatcat tgttggrcat 60
ttgggttgggt 70

<210> 36536
<211> 301
<212> DNA
<213> Homo sapiens

<400> 36536
caaacaaaat agccgcgtac ccaaaacaac ctaagagacc agttaaataa atcctcgcat 60
aggcatataa tagaatactg cataatggag aaaatgtttg tcaagagtat atwcattgat 120
wcaaywgatt wrggaaaaga maaagtaagc tgcagaacag tactcaaaat gaccacgtta 180
ctctgaggat acgacgtcat cagagccgta aactgctcta gggaccaagg cgagccactt 240
gcagggaagc tgaaagagtg tgcgcagaca ggagtgaac agagccaatg agaggaggar 300
c 301

<210> 36537
<211> 117
<212> DNA
<213> Homo sapiens

<400> 36537
ttgtaaaatt cattttttat ttattttatb wttwtwctgt tttwcaatat atttwaanaag 60
acataattttc ctgattttta agtcatcggt aggatggaaa atttggaama tatagta 117

<210> 36538
<211> 100
<212> DNA
<213> Homo sapiens

<400> 36538
aagggaaga caaaggagga agtgcgagc gccgtcaagt gctaccggt gcagccgcag 60
grgccagcg gmcaattgta cagaatttaa accgtctctc 100

<210> 36539
<211> 92
<212> DNA
<213> Homo sapiens

<400> 36539
agtctgcggc tctsmtgat gcacgtcagc aaggaagggg aggaacgcga ggggagactg 60
aagttcacgt tccgctctta gtgcgcgtgc ac 92

<210> 36540
<211> 186
<212> DNA
<213> Homo sapiens

<400> 36540
aactgcctt tatgagctgt aacactcacc gcgaaaggtc tgcagcttca ctctgaagc 60
cagcgagccc acgagcccac agggaggaat gaacaactcc agatgcaccg ccttaagagc 120
tgtaaacact camggcgraa gggctctgcag cttcactcct gagccagcga gaccaggaac 180
ccagcc 186

<210> 36541
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 36541
 cactgtgcat taagccttcc tgggagcaaa gaatcttctg tgattagcat caagctctgc 60
 ctctgtgagg gttcttgatt caagccagag atccagcagg tggaccttcc tccgtggmwc 120
 cagctctccc ccttgggttc caaacattat ctcttctccc tttttcttta actgtcattt 180
 tcaacttttg gttgattcca ccttctggcc tctttgctat gccctcagat tcattcttcc 240
 tttttcataa gaaatggccc atgtttgcag ctgaataatt ttctcagctt gcttttttcc 300
 ccgtagaaaag cttgtgactc aaatgcctct tttcactttg aacttabkta yccctttatt 360
 caaccgggt 369

<210> 36542
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 36542
 tttaaattgc atttttgttc taacgttttg caatttatat tcttttttaa atatttccca 60
 taattcatca tgctagcttc tgtgttcttg gaatagtttt tgaaaaatgc agagattcga 120
 acatgagtcc ttaatatact aaacagtgknk agaatgwtga tatctcattt ctaaagtaag 180
 catggttcac accacttttg caatacactg cagtactttt taaaaaatat tctctagtga 240
 taaaagtaaa gacagggtac tggccaagat cctaattctg acttctgact gtgtgawctt 300
 cgatgaaatt tatatttccc ttwaatcatt actattctam ttgttaagta aggctaagtw 360
 aawatttgtc ttcgcttaaa ttctgattt 389

<210> 36543
 <211> 66
 <212> DNA
 <213> Homo sapiens

<400> 36543
 ctcacaaagt gctgskctcc tcttcttggc ccacccact gggcagtcac taccaatgga 60
 tcaaat 66

<210> 36544
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 36544
 tacagttaga aagaaggacc aagttctggt gctctgtagc acagcaaggt gactacagtt 60
 aatatatttc aaaatagcca aaagagaggm yttaaaatgt tcccatcac 109

<210> 36545
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 36545
 actgctggaa tttgkktcct gcctatgaaa taaaattatt tttcagaatt aaatttgaaa 60
 acttgacta cagaactatg ggtggagctt ttccttttac aacagtttt 109

<210> 36546
<211> 118
<212> DNA
<213> Homo sapiens

<400> 36546
caaaatattt gagawkatgg atcacaaggc cagggttacag agaatgcagg agctccagga 60
agcacagaat gcaaggatcg aaattgcca gaagcatcct gatatctatg cagttccg 118

<210> 36547
<211> 51
<212> DNA
<213> Homo sapiens

<400> 36547
cttgatcctg aactgkgtta ggtgccgctg ttgctgctcg tgttgaatct a 51

<210> 36548
<211> 229
<212> DNA
<213> Homo sapiens

<400> 36548
ttttttacga gtgggdwtac tttcggttgc aattgatgga aaattcttgt ctaactgtta 60
taggcaggaa agtgtagtgg gttccaggaa tgtaaacatt accatcttct caactatcaa 120
ctaarttctt nwcygatatt kgcwtcactt agtggttctc atttccagtc cacctgaaaa 180
agcttgcccc tttgtctctc acccagagat taactacaga gacgcgacg 229

<210> 36549
<211> 134
<212> DNA
<213> Homo sapiens

<400> 36549
acagagctgc agctcttcag ggaagaaatc aaaacaagat cacaagccat attagtgcac 60
ctgagacctt ttgcaatgaa ctgggatgta actgccttaa atactacaat tgctgactac 120
agggaaaccg tgdr 134

<210> 36550
<211> 201
<212> DNA
<213> Homo sapiens

<400> 36550
tgcattaaga gtcttitytta aatTTTTTTT tttttatttt attattatta tactttaagt 60
tttagggtag atgtgcacaa tgtgcagggt tgttacatat gtatacatgt gccatgttgg 120
tgtgctgcac ccattaactc gtcatttagc attaggtata tctcctaagt ctatacctcc 180
cccctctccc caccacacaa c 201

<210> 36551
<211> 232
<212> DNA
<213> Homo sapiens

<400> 36551
 gtttaagtgc cgcgcgccagg ccaggctgca acctgacggc cagatccctc gctgtcctag 60
 tcgctgctcc ttggagtcac gtcccagcc gcccttctc cgcggaaccc gggtagcggg 120
 tcccgaaggc cccgctggcc ggactcgggc hmaggctccac gcccggacg gctagcagga 180
 agggctctgcc cctgggggtc gcagtcagct cccagtgct cttctcgccg gt 232

<210> 36552
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 36552
 gaggaggagg aggtggcggc ctgggtctga cgcgccctg ttcgaggggg cctctcttgt 60
 ttatttattt attttccgtg ggtgcctccg agtgtgcgcg cgctctcgct amccggc 117

<210> 36553
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 36553
 atctctgcaa cgctgtgatc aggatgcggc gggagctccg tcttgggtga tcctcgtgag 60
 ggcatttttc agcgagcttt gaaattcttc aatttttttt tagttactcc ctgggtgctag 120
 graatctacc ttttaaggaa ctgtatgtaa ttactgtatt tgtcgggaga 170

<210> 36554
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 36554
 tcagttaatt tggttggaat gtctatgttg aaactttctt tttttttttt 50

<210> 36555
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 36555
 aagttcttgc tgctaaaagt gtggtttgtg gaccagcagc attggcagca gtaagcaagg 60
 gttggcatgc tttttctgta caggaccaca tagtaaata tttcaacttt gtagactaga 120
 gaatctctgt tggagttatt caactcttca actctacat tgtaacacaa aagcagcctt 180
 agataagatc agcttcacgc atgacagctt aaggaaccca ttcctctgta aaactggtga 240
 aaattctttt ttgttttgtt tcgttttgag acagagtctc gctctgtcgc cgaggctggc 300
 gtgcagtggg gtgatcatgg cttactgcaa ccctgaccaa cctccctggc ccc 353

<210> 36556
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 36556
 ttggatatgg ctactcgtcc agcagggtaa gaggtcaaat ttgaaatatt atgtatatat 60

tgatttttta aagtatgtta tagtgcaggt tggtgactct cagcctataa aatwtatatac 120
atgttaaaat tactactttt ctgcgataac t 151

<210> 36557
<211> 249
<212> DNA
<213> Homo sapiens

<400> 36557
tatatgtact agaattgagc aaataactaa atttattatg tataatgaca cactcagaga 60
aaaggtttta aaaacaaggg gaaaacatga rtaagttttg tttwgtgaa wttgggraat 120
tamraaaata tcagaagaaa cttaagctta tatatagaaa cagatagacg agaaataaat 180
gtagatgtgt gtattcatgt gctgggtatat aaacatagat ttcttaactt tccacctgag 240
agggccaaa 249

<210> 36558
<211> 76
<212> DNA
<213> Homo sapiens

<400> 36558
gaatacactt agattsayag graagaactc gwaatggagt ttgastaaas aaaatgactg 60
atgtactaaa cccagt 76

<210> 36559
<211> 236
<212> DNA
<213> Homo sapiens

<400> 36559
tttaaatat acatttgtcc ttttttttga gactgagttt aattcttggt gccaggctg 60
gagtgcattg atgtgatata tcggctcact gcaacctccc cctcccagggt tcagggtgatt 120
ctcctgcctc agctgtgggg aaaagaaaaga gagatcagac tgttactgtg tctgtgtaga 180
aagaagtaga tataagagac tccattttgt tcatcttggt agtcgatgac gcacga 236

<210> 36560
<211> 291
<212> DNA
<213> Homo sapiens

<400> 36560
aattaatcca tttttgcatt attattatgc attttttcca aataagtttt aaaaacttct 60
ttatgtataa ctaggccct ttacctcttt agcttttttg tctttatgct ttttcttact 120
aatttgtgtg aactcagttt ccttttaagt acacatttct gatggattaa tgtttatttt 180
tctttttaaa gcaatatattg actcattaaa ggcaactact ttacagaaat gtagatctct 240
ctccctccct ctgccccgaa acagaaaaat acactatgaa caccactaac g 291

<210> 36561
<211> 341
<212> DNA
<213> Homo sapiens

<400> 36561
tagaatgtta ttttgcacta gttgtcactt agaaagatgg gggttcctgta gatttttttg 60

tgctaagga	tactttgtca	ttatgatgaa	gtaagtgtta	agtgtcagat	aaatagcaca	120
cagaatagtt	ctttctgctg	gtctgttttt	tctcttcgtt	gttggtgttt	ttaattgtaa	180
attgttatca	atcaaactat	tgtagcagct	acaaagtaat	tcaccagcat	gacaaaatgg	240
tcaaaaaata	agtcattcagc	acttaagaaa	tgaaagcaac	ttttgaaatt	ttctgttaaa	300
attgtcaa	atattttatg	aagaatttat	aaaaggggaa	t		341

<210> 36562
 <211> 118
 <212> DNA
 <213> Homo sapiens

cactaggatt	atagggatgc	atcaccgcga	ccagcctcgt	gtattattta	attagtagtc	60
attcaacct	tttttttcta	gatagtacat	tttgattagt	acagtttatg	atTTTTTT	118

<210> 36563
 <211> 318
 <212> DNA
 <213> Homo sapiens

cagaaatatg	gttatacaca	tagagtaaca	acggggctgt	tgaacgtggt	aatcttagtg	60
aatctgggta	atgctttaac	aaacagacaa	taatcacaat	cagcacatcg	attgtttgaa	120
tggaactagg	caagggaags	tgcttaaaat	agtgtgttga	ttttcacata	aagtaggcca	180
aattctctat	gtttacagta	ttaatttgct	tagccagccc	tttatttcat	tgacagtacg	240
gagataaact	tcagcccagc	tgtgactgaa	ttatcgaatc	aagaaacaag	tatttgttgt	300
ctactgttag	cgtgcctc					318

<210> 36564
 <211> 234
 <212> DNA
 <213> Homo sapiens

cagtattgaa	gaaasrttac	acacccatgt	ttactgcagc	actgttcaca	atagatatgg	60
gatcaacct	gatgcctaaa	tacatgaaga	ggtaaaatgt	gatgtatatg	tatatacaca	120
cacacacmca	atggaataac	tattvagcca	ccgraaagaa	tgaamatcct	gttttcttgc	180
aacaacatgg	atggaactgg	aagacattat	gttaagtgaa	ataaaccagg	agtc	234

<210> 36565
 <211> 254
 <212> DNA
 <213> Homo sapiens

caaaataaag	cagcaggtcc	ggagcctcag	gccttggtatg	agttcaccag	tctgctgatt	60
gcggtatgaca	ctcgtgtggt	ggtagacctg	ctcaagctgt	cagtgtgcag	ccgggccggg	120
gacaggggca	gggatgtgct	ctccgcgggtg	ctttccggca	tggggaccgc	ctaccacag	180
ktggcagata	tgctgttgga	gctctgtgtc	accgagttgg	aggatgtggc	cacagactcg	240
cagagcggcc	cgcc					254

<210> 36566
 <211> 175
 <212> DNA

DECEMBER - 2019

actgactaaa	ataacccaat	ggatttgaga	gttaccgcaa	aagaagcaaa	cagacaaact	60
aaagagggtat	aactcctact	tgaagagtgt	gagagaatat	ttactactcg	gatgtttgag	120
acataccaaa	aaaatgcttt	ttgatccttt	atcaagaaga	cgtaatgacc	aagat	175

<213> Homo sapiens

```
tacaattagt  taaaaaaaaa  tacgcatgct  aaaaagaggt  ttatatctct  atttttctcc      60
taaattgcag  gtatatactt  taaaaatctt  aaaaaaaaaa  aa              102
```

<213> Homo sapiens

agctttgtga	ctaaatgltg	ggggagaagc	aagctgtagt	ggacatcagc	cggatgtcct	60
gcagttcagt	tctgacacca	tctacctgga	gatggcatca	gattccacag	gttgtgagca	120
agactgtccc	actctgcccc	actagccaca	agaccaggcc	ttt		163

<213> Homo sapiens

aacgcaagca	ggaggcgggg	gagtcgkwgg	aggtggcggc	gctggagctc	ctcccgggga	60
ccagcgaccc	gkggagcgag	cacgtcgctc	cgcaccgctc	ttcctccagc	cgctgagccg	120
tsckctctmg	ccatgtcccc	gagcaggcac	cgcgccgagg	ccccgccgct	ggagcgcgag	180
gacagtggda	ccttcagttt	ggggaagatg	akdcagcta	agccagggaa	aacaccgatt	240
caggtattac	acgaatacgg	catgaagacc	aagt			274

<213> Homo sapiens

cgtaaaactga	caagcaagga	tattagtggga	ataactcttt	tttgtcatct	cggtgtcatg	60
aggggaacag	ggagctcttc	ggtcccattc	gcaaattgaa	ttttgggagt	aaggaaaact	120
agggtgtgat	gtgcctgtcc	aattagcagg	tagccacatg	taggtagagg	atccacagag	180
gaagaagaga	gcttgtgtcca	ggcaaaactg	gaaattgcaa	gtaaaaagat	gagaaggaat	240
gctgaagaagg	gtgtcttgta	ccagactccc	taggg			275

<213> Homo sapiens

<400> 36571
 cagtacctag gggcaactat gtcagaattg attttaccag agccttaaca ggggttccca 60
 gtattttgct gttataaaca gagttgcatt atvaacacac aaatattttg tggttcttct 120
 ctcatacttc ttactgccag tcatgagctg tcwctgwcag tgatcacttt gattacctct 180
 ctcaacatgt cattgccttt atcccaccct 210

<210> 36572
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 36572
 gtggcgcggg tggcgdctgc tgtgctggct gtggggacgg aggcggtgaa gtgccatctt 60
 cggctaggtc gtcacaggct ccggctcatg gcatcaagtg gcatccatca taagatcggt 120
 aactgvagac aatatgcaaa a 141

<210> 36573
 <211> 431
 <212> DNA
 <213> Homo sapiens

<400> 36573
 cttgtgctca tttgctaatt actgagacag ggagccagta cttgtttatt cttttgaaaa 60
 gtttcttagg acacagtgc t cattgaaaa aaagagggca tgaagcgttt ataccggcag 120
 gtgcwtcatw gmmaaaaaaag agggcatgaa gcatttatac cggcagacct gtttgctgct 180
 ttttagctgt gttaaaaactt ggtctacaaa atattctata taacatgagg aaggaaatga 240
 cattccccctt tttcatttaa gaaggaaata ttgggcatta attctcagta ttctwwdnga 300
 agtgaaaact ttaaaatgam atcacaatag ragctttwk ttgttttttg wctttctmhd 360
 ttcagcaatt tctgtaccaa gcgaggcttg gggmgtgacc tcgtcctccc tgcacgtcc 420
 tggctggtac a 431

<210> 36574
 <211> 56
 <212> DNA
 <213> Homo sapiens

<400> 36574
 ccaggaattt gaaatcagtc aaatgacttt tatctgggaa aaaaaaaaaa aaaaaa 56

<210> 36575
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 36575
 tgtcagttta tccatcttat ccttctcagc aggtacctat atgataatat atagctgtga 60
 aactcatcta aatatttttg ttccaataaa atattatata ctattgggga aaawtcagtw 120
 tttcttttag tgotagctaa gttttgtgca tttggagcag ttctgccttt tcattctggt 180
 ataattaatt atttgctatc agctgaaact gaaagaagaa acttgaactt catacttcga 240
 tatcatattc tagtttacag aacacatttt aatcaataga agaattaaga tgaaaaacat 300
 ggccgggtc 309

<210> 36576

<211> 254
<212> DNA
<213> Homo sapiens

<400> 36576
gtcttcgcgt gasaagttca gaggcgtgga gggcggtgtg ttcccgggaa ggttgatggg 60
tagaggtttag gggcaagggc aggggggttg aattgcattg atcccagcgt cttcatcagg 120
aggatgggag gasacccacc gcagaggggt attgagaaag ttaatgagat cattaagcta 180
aatgcgtagc atattctaag cctcaaaaaa cttaaaggag ctttctaagc ctcagtaaag 240
ttaaaggggt gtga 254

<210> 36577
<211> 356
<212> DNA
<213> Homo sapiens

<400> 36577
acacaggctg gtgatgctgg agccacaaca accaccggaa accccaaggc gaagaccaga 60
gaatcccaga gatgcagaca gagacttcct agagctacag agtaagccaa attggagttg 120
ccttttctgg acgtcttggt aagtctgatg ggggttcata catctgagcc aggactggct 180
tttcttggct gcaagctgaa agttgggtcc aggtctgctg tactgagggg ctcctatctt 240
ccttggacag ggacaaccag aggcctatct atctcatgat ggaaggcagg agaacaagca 300
ggcaagacca gctgtgctag cacatgccac ctctttggcc acgtcacacc tgctga 356

<210> 36578
<211> 411
<212> DNA
<213> Homo sapiens

<400> 36578
cagtaaaaaac tctgaggtat gcatcacttc taaattataa attatcctct gtgaaagagc 60
tttactagta ataaatgaaa ttagaaataa agtggtataa ttgacctgtt tattcattaa 120
tctaaccatga attaatagtg acaagtatat tttaaaagat aatgcccctt tttttttta 180
atttttagtt ttttagagac ggtgtatctc tgtgttgctc agtctggtct tgaactcctg 240
tcctgaagca gtcctcctgc ctcagcctcc caagtagctg gtattacagg tgcaaatac 300
catgtctggc tgcttctcta cagtctcatt atctgaactt tctttcctaa ctagacctta 360
aagttttwttt ttcattwagg ggggaaaaaa catctagctg tgctctgggg a 411

<210> 36579
<211> 279
<212> DNA
<213> Homo sapiens

<400> 36579
ccgaagaaca aggggaaggt agccaaggat ggagtgaat gcagggcaaa tgtcttaaaag 60
gaaatgagag gttctaagag gcgagctcgt ggcttgtaac ccacatggaa gaggttaaaa 120
aggacgatag aatggaatga gcctgtgagg ctgaaaggag gtattttcct tggcttaaga 180
accatttgcc ttgagtaggg agggattgat atgtggaaac ttcagtggga gagtaagtag 240
gagtgactga tgaggagaaa aactggccat gagggacat 279

<210> 36580
<211> 221
<212> DNA
<213> Homo sapiens

<400> 36580
 taattaattc aggttttcag aatacaatcc tgtgtttgtg tggattcaga atccacaaac 60
 tgaaaaccaa cgctactttc ccacttgaca ttctttctct gtcatttaag gctgaggtgt 120
 gcttttggtc ttttactgca atgtatatcc caggattgtt aaaggatcct cgcttcnagg 180
 aggtctctgk gaaataaaac brvgttaatc ccactagact t 221

<210> 36581
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 36581
 ctctgtagcg ggcgacctag gccgcgggac ccggacggag gtagaggcca gggcagcgcg 60
 tccgggagcg gagtccgcgc ccgccgccgc catgccggac agctgggaca aggatgtgta 120
 ccctgagccg 130

<210> 36582
 <211> 52
 <212> DNA
 <213> Homo sapiens

<400> 36582
 tcagttaatt tgcttggaat gtctatgttg aaactttctt tttttttttt tt 52

<210> 36583
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 36583
 agatgggaat catgatactt tccgtgctta ccttggtgaa ttgttgaata aattaatgaa 60
 attaaaagat gctttaaaaa cttaaactctt atacaaatat aactcttggg ggagct 116

<210> 36584
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 36584
 taaatgaggg taggagtcag aaaggaggaa ttgagagggt gcattccaag cagaaggaag 60
 catgtataaa aaggctgttt ggtagaaagg aatcccacag cgtgttcaaa gatntgagaa 120
 aaggctagta tatcagctgg gcatactttc agctttaagt ctggaatatg tgattaacag 180
 tgcttaaaga agttgcagtt tttttttctc aaacaggaaa ttcagaggta agcacttgct 240
 ctaaatggtg gctcaggggc ttgcatca gttcttttga cctaaccatg attacagtat 300
 agccactggt aactcccat atcacctatt cgatcaagtc cac 343

<210> 36585
 <211> 428
 <212> DNA
 <213> Homo sapiens

<400> 36585
 tgtagaccct ggtcttaatt ggagagaatt acaggcattt tattttttgt ctctgttttc 60

ctctcctact	caaacatttc	ttttgtcctc	tgaccattca	gtcatgtttc	ctggtaaaac	120
cacacaagtg	agtttgaatt	gtatttgaat	agatcttttt	ggttgagttc	ctaatttggg	180
gggtgaaagt	agtaggggca	tccccagggt	acatgtaaag	aatttctatt	attatccagt	240
acttaagatt	gctcccattg	agtaagggga	agaacttcta	cttttacagg	gtgcataaga	300
gccacacaaa	cacacttcat	cttaggaagc	acttgagaa	aactcccaag	aaagtmagtg	360
ttagcaaaaa	tggttgatgg	tgatgcttga	ctcttataga	tgcgagtata	ccaagatgtc	420
tgctcaca						428

<210> 36586

<211> 260

<212> DNA

<213> Homo sapiens

<400> 36586

tttttccaat	tgaatgtata	aaactgccag	ttagttccac	taactgcca	aagaaatggg	60
cagggttaagg	ttatcctttt	tatctgtggg	aaaagatgct	cccagggtact	aggaagcaaa	120
caaaacctgt	tttgttcaac	ttgtgtttct	atccactttt	ataagtacac	aaaaattata	180
gcnggacact	taaaatactt	gtgataacag	cctttcttgt	gatagcagtc	tgtctgtctg	240
cctgcctgtc	ttccaccctc					260

<210> 36587

<211> 323

<212> DNA

<213> Homo sapiens

<400> 36587

cctatattat	atctcaaaag	acaaaaaaca	aacaaaaact	tgtaattaac	tagtagataa	60
aataggggta	gaagttgtgg	tgagaacatg	tcacttccta	tttccagtaa	gamccaagta	120
aratagwaaa	aagaaagcag	agctgmggaa	cttggctctg	tgggggtgaa	ggtagctggg	180
tgtaggtgtg	cagagcagga	atgcatgtaa	gtgtagatca	tctgatctta	cccatcggat	240
cgcttgtaac	ttgatgatac	tgtttttttg	ttgtaagact	gagaaaaccc	tgtatttcag	300
tgtcttaaaag	atacagtgat	att				323

<210> 36588

<211> 189

<212> DNA

<213> Homo sapiens

<400> 36588

tggggtgttt	ttaaatccaa	atltgtatta	tgaaaactta	caaacttaca	gaaaagtggg	60
aagacttgta	cagtggacac	atctcgaccc	aattgttaac	atlttgctat	attgctatcc	120
acctgttctt	ccatcaaacc	atcttatctt	tttaatgcag	accttagtac	tctacacca	180
tgaacacgg						189

<210> 36589

<211> 372

<212> DNA

<213> Homo sapiens

<400> 36589

catacataaa	aacagtggaa	gacacatcca	gataatgcaa	gagctcaaaa	aaagattgtt	60
cttatattct	tccaaaccta	agcctaagga	aagcctgagt	gtgggcctgg	gatgaccagc	120
gcagtggcca	ctcgcccatg	tggtgggagt	attagaaaac	tgacgaatcc	caactgaaat	180
atctcctaag	tataaaacac	acaccagatt	tcaaatatgg	tggttgaaaa	gaagaatwtw	240

aactatctca	ttagaaatta	twatattgat	tacatgttga	aatgattttg	tatatatcac	300
attaaataaa	atttattgaa	cwaatwttca	tctgttttctt	tttacttttt	taaagtgaac	360
tagtagaaaa	ta					372

<210> 36590
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 36590						
cattaaaaac	tgtgcaagaa	acttatgttt	cacatatgaa	gcaacctcag	atgtggcatg	60
gttttgaaca	gttgccgaaa	gtgtgagaaa	gggaatctgt	ttgaatattg	gcacatggat	120
caagactctg	gagtcggtga	tgagaaaatc	caatcagagc	attccacttt	gctattcatt	180
gaaccaggta	gncaacagaa	gagttaaaaa	ttagtgatat	gactataatt	cagggggaag	240
gagagctgya	ggggggcggc	aggaagtcag	cagaaaatgc	ctcatgtcat	kanngscaag	300
aaatagtaat	aaaaggcatn	ncattgaaaa	agggggtggc			340

<210> 36591
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 36591						
acagcctgct	gggagggcct	cctcatgcag	ttctggaaag	gtgaatcggt	tccttctgcc	60
tgtctgggtt	ttgcaacccc	gtggtgggac	aattggccag	gtgcatattc	ctcagaagcc	120
tgctcagctt	cggctacctg	tcctgggact	gggccaagcc	gagcttcgtg	gccgacgggc	180
ccggggaggc	tgrcgagcag	ccctcggccg	ctccgcccc	gcctccccac	awcatcktca	240
tcctcacgga	cgaccaaggc					260

<210> 36592
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 36592						
gagctgctga	agagcaccat	tgaagaatgg	tgagaaggtc	gggtgcagtta	agggaaaagga	60
tgtcatggag	gggacaggat	ggagagaaaat	gggtgggaaat	aagacgagag	gtgtaaacac	120
ttaacctggg	tactctgggt	atttaaagta	ttgtgaagta	ttgattttga	gctttttttt	180

<210> 36593
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 36593						
cacaagatat	aatccatttt	tatatatccc	aaagttgtgg	caacagcttc	tttcttttct	60
gctcaatgcc	actttgtttc	ctagtaattc	atgaccacta	ttaattctat	cattgnnnct	120
gctcctgctt	aagatcactt	ctcaaggata	cctcagtaag	caatggataa	atcaactttt	180
tgttatatgt	gccaaagtact	aagtttcagg	gttctcttca	gcaatcatta	attaatactt	240
cagccagt						248

<210> 36594
 <211> 150
 <212> DNA

<213> Homo sapiens

<400> 36594

tggatttttaa	tatatagttt	gtttttttgt	tttttttttc	gagcacggwr	tttactatt	60
gttgcccagg	ctagagtga	gtggcatgat	ctcagctccc	tgcagcctct	gcctcctggg	120
ttcaagcgat	ttccctacct	cagcccgcg				150

<210> 36595

<211> 173

<212> DNA

<213> Homo sapiens

<400> 36595

ccttagatga	tcctaacttt	tggcagaaat	gggctaaaat	agctgaacta	gacactgaag	60
caaagaatga	aaaggaaaagc	ttagtgatcg	accgacctcg	cgtgagaaaag	cagaccaaac	120
actacaactc	gtttgaggaa	gacgagctca	tggagttttc	agagttagac	agc	173

<210> 36596

<211> 223

<212> DNA

<213> Homo sapiens

<400> 36596

ttcaggtgtg	cgaaggatcg	atcgggagga	gaagcgggag	ctgcaggcac	tggccaatcc	60
cgggaggatt	gtggctgtca	ctgcgatagg	atctgcgacc	ctgagacctg	cagctgcagc	120
ctggcaggca	tcaagtgcc	gatggaccac	acagcattcc	cctgtggctg	ctgcaggggag	180
ggctgtgaga	accccatggg	ccgtgtggaa	tttaatcagg	caa		223

<210> 36597

<211> 61

<212> DNA

<213> Homo sapiens

<400> 36597

tggctgtagg	caatccagtc	tctccttgct	cagtttggtg	gggaaacawr	aagttacttc	60
c						61

<210> 36598

<211> 180

<212> DNA

<213> Homo sapiens

<400> 36598

ctgtacaaaa	aataaaagtt	agctgggtgt	ggtggcgtgt	gcctgtagtc	ccaattattc	60
aggaggctga	ggtaggagga	tcacctgagc	ctgggaggtt	gaggctgcag	tgagccatga	120
tcgcaccact	gcactctagc	ctgggcaaca	gagtgcagacc	ctgtttcaaa	aaaaaaaaaa	180

<210> 36599

<211> 358

<212> DNA

<213> Homo sapiens

<400> 36599

aatgctgcag	aataattacc	actgtacaac	cgtgtttgga	gctgggtgaa	ctacatgtga	60
------------	------------	------------	------------	------------	------------	----

ctacttaagt	ttcagggttac	cagcaaaaagc	cgggttttcat	tatcataatg	cagatacatt	120
ttctgtgttc	agcaaggcat	tgtgtgtcat	gtggatctta	gttaccaaac	tatgaagtga	180
aggctttaaa	agtgcattat	tttaaggata	ataaatttga	agagcaaagc	atgttttgtg	240
tgtttgccac	aaaacattgc	ttgaagcaca	tacttagata	gaaattggtc	ttaatttata	300
taatcaatat	aaaatactaa	tgcaattcta	cagcattcaa	atgaagaaaa	cttgaggc	358

<210> 36600

<211> 189

<212> DNA

<213> Homo sapiens

<400> 36600

agggcgggct	atggcgcagg	cgggttgtgg	ggccggcgct	ggtggcgggg	cccgggtgcat	60
ggcgggtctgt	cggcggagtc	gccctcnngg	gctgtcagat	ttgtgacca	gaaggaaatc	120
wyctgavcct	magcytgtgg	ctcttgwg	tgccagaag	ccarsttcat	gtctgagtgc	180
acgagcagc						189

<210> 36601

<211> 246

<212> DNA

<213> Homo sapiens

<400> 36601

tttgggggtga	agcagaatga	tgatttaggg	aaggaaagt	aacacctgga	tttggttctt	60
aaggctggga	agttatctgc	gaastgacaa	ggcaaagtga	gtgcatttca	tcctggggha	120
gcagggttgt	gaaataactt	ggggactctg	agcaacttta	aatggytctc	tacttctaga	180
gcataagaag	ttctcttcag	gagggatgag	aaggagacag	agaggcagga	tactggaaca	240
ggagag						246

<210> 36602

<211> 202

<212> DNA

<213> Homo sapiens

<400> 36602

cctatcttca	tgttatgcaa	acggcatctt	ttcaaaataa	acttttagagg	agtaasmgag	60
aagaatctag	tgccctttct	gagaaggaat	ttagctagga	gaaccaaagt	ttgtcccata	120
cactgggtta	aaaagaacca	gttatgaact	acaaatgcag	ttgacttttg	ccctgagctc	180
tatagggaaa	agtagggaga	tg				202

<210> 36603

<211> 364

<212> DNA

<213> Homo sapiens

<400> 36603

atgttttgtt	aagaagccga	cagaatgggtg	aaggggccag	tgccaaccac	agtcctgaaa	60
gacactgtaa	accagcggtc	cccaaccttt	ttggcaccag	ggaccggttt	cttggaagac	120
aatttttcca	tgatgcagg	atgggtaagg	atggttttgg	gatgaaactc	ttccacctca	180
gattatcagg	cattggattc	ttataaggag	catgcaacct	acatccctca	aatgcgcagt	240
tcacaatagg	gtttgcgctt	ctatgagaac	ctaattgccat	cactgatctg	acaggaggcg	300
gastcaggcg	gtcawrcttg	ctcacctttt	gctgtgcacc	tggtttccta	acaggctgtg	360
cact						364

<210> 36604
<211> 210
<212> DNA
<213> Homo sapiens

<400> 36604
caaatttctc ttgacttaca atctaagttt gcaaaagctg aaatgyaatt aagmaataaa 60
atatggcaga ctgtgtgggc attcctgatg aatgatgtgt ctctgctaca tgaagtcagt 120
aggagagccc aggacatgag ttccactctg gtcgttaatc aacctattca cactgtctgg 180
agttcctgac tgtaataata aatggcactg 210

<210> 36605
<211> 199
<212> DNA
<213> Homo sapiens

<400> 36605
aagaaaatta aataaagagg acaggggctt aaaactggtc agaacgghrt ctccagtggg 60
gaggtgactt gaagcggaaa ggagttggga ctcaacatcc tgcatttgtg ctttgttttc 120
gaaacttcga gttagtgtca ttgatgaatt aagcagcagg ctagtaatgg aaaatatttc 180
tactgtcctg gtggaggag 199

<210> 36606
<211> 174
<212> DNA
<213> Homo sapiens

<400> 36606
gagaagaaac ggcggagacc tgagaccggg aggctgaggc tgtaggtggg ctccgctggg 60
taaaagttgc cgcagcagct gtcccttggc cccatcgca tttatttttc ccccttggct 120
tccgggtccc gggatcccaa gtttgaact aacgggagcg aatccacacc cact 174

<210> 36607
<211> 89
<212> DNA
<213> Homo sapiens

<400> 36607
atccgcgcc agggaccgc gcaggcccct ccttagctga ggggcggccg ggtactcggg 60
tcccagcccg cgaccaccgc acccatcgc 89

<210> 36608
<211> 261
<212> DNA
<213> Homo sapiens

<400> 36608
aatcccgcac cacgaatact cgctccgcac ccgcccggcta cccggggata aaacgtttgt 60
tcgtagcccc tgagactccc aatcaaggat gcaaagtaaa atgccaccgc ggccaggtaa 120
ataatatatg tgaagcagcg acgggatata acgctgggtga gtagtgggat gtgatccgac 180
tgggagagtg catttccacc ccataagccc ccamcacaaa gatgagaaaag aacagtgtgc 240
aaggccctga gtctgmaacc c 261

<210> 36609

<211> 126
<212> DNA
<213> Homo sapiens

<400> 36609
taattttaaaa aaagctagtt cttggaaaaa gcacaataat caaaaccaa tgtacctcat 60
tagaaagttc acgtgagata atttgggatt tgcaaaatta gttttaatca attgtgaagg 120
acaaca 126

<210> 36610
<211> 162
<212> DNA
<213> Homo sapiens

<400> 36610
tatccaatct aggcttatct ccttgtcttg aaatccatag taaccttaat tacatctgca 60
aaatctcttt taccatctaa ggttacatac aggtttggag attaggacat taacatttta 120
catggaacat tattcttgcc tactacagtt cccaccacc ca 126

<210> 36611
<211> 124
<212> DNA
<213> Homo sapiens

<400> 36611
gatcgaaaac gcaagcaaga ggaacaaatg gaaactgagc attttgctct gtaaagcatt 60
tcagatgcag cttgtgtgaa atgcattatg caaaataaag tttattgtat tgtattccca 120
gccn 124

<210> 36612
<211> 117
<212> DNA
<213> Homo sapiens

<400> 36612
tcacacagag ttgcatgtct agatagcaaa acagtccttg cctccgagtt ttatcttgca 60
aaatttcaaa cttaaaagaa tgagtacaac aaacagctat gtacaccttc cctagat 117

<210> 36613
<211> 226
<212> DNA
<213> Homo sapiens

<400> 36613
caattgtata tattttttctc ttgataaata gctgtatgaa atttgtttcc tgaatatttt 60
tcttctcttg tacaatatcc tgacatccta ccagtatttg tcctaccggg tttttgttgt 120
tttctgttct gtataawagt atctaattgt ggcaaaaatt gaattttttg aagtatacag 180
agtgttatgg gttttggaat ttgtggacac agatttagaa gatccg 226

<210> 36614
<211> 233
<212> DNA
<213> Homo sapiens

<400> 36614
gctggttggg cgagggggagc tgggtgggcag ggtttgatcc cagggcctgg gcaacggagg 60
tgtagctggc agcagcgggc aggtgaggac cccatctgcc gggcagggtga gtcccttccc 120
tyccccaggc ctccggstttm cccaggcctt ctgaaaraag gaggtttabr gggatcgagg 180
gctggvcggg gagaagcaga caccctccca gcagaggggc aggatggggg cca 233

<210> 36615
<211> 400
<212> DNA
<213> Homo sapiens

<400> 36615
caatttttaga ataagtgtga tgaggtgctg agaagaatgt atattctgtt gatttgttgt 60
ggagagttcc gtagatgtct attaggtccg cttaggtccag agctgagttc aggtcctgra 120
waacccttgg gtwaatattt ctgtcttgtt gaatctaata ttgacagtgg ggtgttaaag 180
tctcccaccg ttattgtgtg ggagtcctaag tgtctttgta ggtctctaata aacttgcttt 240
atgaatctgg gtgctcttct attgggtgca tatatatatta ggtagttag ctcttgttat 300
tgcattgatc cctttaccat tatgtaatgc ccttctttgt ctctgttgat cnnkangttt 360
ggtttaaagt cagttttatc agagactagg attacaacgc 400

<210> 36616
<211> 233
<212> DNA
<213> Homo sapiens

<400> 36616
cgagtagctg ggattacagg catgcgccat gacgccaggc taattttgta tttttagtag 60
agacagggct tctccatgtt ggtcaggttg gtcttgaact cctgacctca ggtgawccgg 120
hammacsttg ggctcccaa agtgctggga ttacaggcat aagcctctgt gccagctga 180
aatctagtgt ttttttaaca gaagtttaga gaaagaattg tttttgaagg agt 233

<210> 36617
<211> 329
<212> DNA
<213> Homo sapiens

<400> 36617
cttaataaat ttttaataca gaaaaattat cactggctta tcatggctga cgtcataatt 60
ggaagttttg ttcaacacta ccaaagtcg tgaagtaaag aaaagtgaat gctgagtagg 120
ttarccaggc ttrattwaga gcattragg ataactcagg atttcagtaa gtctggttat 180
tatttatata catcattaca aatctgtttt tgggggtttc tggcactact caacaaataa 240
tgtggaaggg tattattgga ggcaggaata ttgatgccat tgtaaaccac aaagagcagt 300
taggagggga gaakdtatat acggccaac 329

<210> 36618
<211> 247
<212> DNA
<213> Homo sapiens

<400> 36618
cccgagaatc cccagaaaaa ttagagtaga tgaatgttaa atggcagtat acttataaaaa 60
caaatattga atcctaaact tgggtgctaag agctattcct aacgttggga ataggtctgt 120
aaatgagaac agggaaagtc ccagcmagca ttcacttagg ttacagtaga gagaaacagt 180
gaaattgtaa gaaaaaagac aacttcaagc accagggtgt catatgtgtg tctacaaaac 240

agcgatt 247

<210> 36619
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 36619
 tckatcatcc cactaccacc atgctggcct cagggatgct tctggtggcc 50

<210> 36620
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 36620
 taactttttac ataattgtat ataaaaattt atttcttttt aataacaatt ctgttaagtt 60
 ataattcaca taggatgcac ctatctagag catgcagctc agtgggtttt ggtacattca 120
 gagagttgta caamtggtcc ccgbacccca tctgataaca ttttcatcac cccagadaga 180
 aatgccatcc ccgtcttagc agtcaagatc gagcagtatc tgtcatatat gggaaatctt 240
 ttaaaggag atctggg 257

<210> 36621
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 36621
 ttgatgtttg gcaagagggg aaagtactta gtaattttca aaaatgggtg gtgggacatt 60
 gaaaagatac attgtattgg tgtgaaatct tttattttca gtgttctgag attctttttt 120
 t 121

<210> 36622
 <211> 254
 <212> DNA
 <213> Homo sapiens

<400> 36622
 agcaggcaga gccagcatgg gatggcgggg ctggacgtct caggcacgat caggcccacg 60
 ggaaagtcgg aggtcagggc gccagggcct ctggttgggg gcttcagagg cgtwgcagtc 120
 grctcctgga gcraggaag aarggtgcag gaggtaactt tggcctctcc accctcccca 180
 gcgccccctt gcatttgaac gtgtacgaca gagagagama gagagagaga gaggagccag 240
 ctggcacggg gtca 254

<210> 36623
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 36623
 tttagtagcg atggagtttc tctatgtts g tccaggtggt ctggaactcc ccacctcagg 60
 tgatccaccc atctcggcct cccaaagtgc tgggattaca ggtgtgagmc accgcgccag 120
 gcctcwkrtr ttaaacytt cttaccctga attacatttt gttackttca cttttadkta 180
 cactaatttc ttgatagttg tacattcttg atcattgtcc tagaagattc ttacagcata 240

aaactatgga cttttgagaa agaatgc 267

<210> 36624

<211> 166

<212> DNA

<213> Homo sapiens

<400> 36624

tatcctatgg	ttcccctagg	ctctctgcac	tttttttaag	atcttctggt	ccacagactc	60
aataattgca	actgtcctat	ctttacgttt	gctgattttt	cttctgcttg	ctgaaatctg	120
cttcaaaawc	ctctctagtg	tattttttat	ttcaggtatn	gtactt		166

<210> 36625

<211> 221

<212> DNA

<213> Homo sapiens

<400> 36625

agacttgga	cttaggtccc	caaggggcgg	rsaggggtccc	caactcctggg	gcagggggag	60
cagaggggtg	ggggctgggt	tcccgggtcc	ctaactggg	grsngttctg	gggaccagac	120
gtcaggttc	ttaagaagt	gmgatgaaga	agttttcccc	gtaactgggg	cagacgcagg	180
aagrcctggg	ggaggaaarg	ggcggaact	cagccacatt	h		221

<210> 36626

<211> 254

<212> DNA

<213> Homo sapiens

<400> 36626

caggtgtgtg	ccassatacc	cggctaattt	ttctattttt	agtagagctg	ggttttgcca	60
tggtggccaa	gctggtctca	aattcctgat	ctcaagtgat	mtgcctgcct	cagcmccct	120
aagtgtgrg	yatmhaggcg	kgagctaccg	camctggcct	gatttgaaa	tatttcabct	180
atcttgtgtg	ttgcattttc	atcttggttg	yagcgtcctt	tcatgmata	aagtttttgg	240
ttctagtgtc	cagt					254

<210> 36627

<211> 228

<212> DNA

<213> Homo sapiens

<400> 36627

agactggagg	cggagagcga	gtgagggctg	ctagtacatt	gtcacctctc	accctcagaa	60
ggctgagctg	gtgggggctg	agttctgtta	cgtgtgacag	caacgtctag	gccaagcttg	120
tccaacttgc	cgggcccacc	agctgcatac	aactctggac	ggctttgaat	gcagcccaac	180
acaaattcga	aaactttctt	aaaacatagt	gcgttttttt	tggttttt		228

<210> 36628

<211> 162

<212> DNA

<213> Homo sapiens

<400> 36628

tcatttcagc	acgagtggct	aagagattct	ctcctgattt	gggggcaggc	cagtcaggca	60
caagctgctt	atctgtgcaa	ctggggcagc	ttaaccata	ggccaggaag	gcctggcttt	120

gggaatcatt tcaggggttr tggcccamat cwagtgatga gc 162

<210> 36629
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 36629
 gtacgtgaag ccgggtgagc gcascggcgg gctagggcac taggtcgtcg ccccggccta 60
 ggctkngggc gggtgcggcg chtagtatgg accctctgtc tcccccagc 109

<210> 36630
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 36630
 tgctttcttt ttgtgtatga cactatgggtg acagtagatc ataatttttt atagtttttt 60
 gggggataaa ctgagttggt tttgttttaa agctaact tgtaggttc tttt 114

<210> 36631
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 36631
 ttggacartt cagacttwac taaagcacag ttagacccaa ggcctatgct gaggdctama 60
 cctctgaaav aagtatagta tcgmgtaccc gttccctccc agagghggga staactgct 119

<210> 36632
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 36632
 ttattattat tattattatt attattatta ttattattca gsacagagta tcattcatgt 60
 tgcccabact ggagtgcagt ggcgcgatct cggctcactg cagcctccac ctctgggwt 120
 caggcaatk cctgcckcg gcttctgag tggccgggay tgccggcacc ccc 173

<210> 36633
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 36633
 ttcttagtgc agaaywaaat gaaaagtctc ccatgtctac ttctttctac acagacacgg 60
 taaccatccg atttctcaat cttttcccca cttttcctgc ctttctattc caciaagccg 120
 ccattgtcat cctggcccg tctcaatgag ctgttgggca cacctcccag acaggggtgt 180
 ggchgggcag aggggctcnt cacttcccag taggggcggc cggaag 227

<210> 36634
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 36634
 tggcatgttt tatataaatc aattatataa tacgtggcct tttgtgtctg gmttgtgtca 60
 ttttagcagaa gggccccaa ccccagggct gcggataggt actgttccat gaccttttag 120
 gaamctgaar tsacacagca ggargtgast rncaggtaa tgagcattac cgcctgagtt 180
 ctacctctg tcagatcagc ggtggcatta gattctcata gttacgagaa ccctgttgtg 240
 aamtgtgc 248

<210> 36635
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 36635
 ctttaacacc cctcacataa gatgmtaggt gagagctgac atctgtaggt ggcttagkgc 60
 ctargaaatg tctkcctcac tgtgtctctg gactktcctt ctcaactctg aragtgggtg 120
 gtgttgataa t 131

<210> 36636
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 36636
 ctcttgcttc agcctcccta gtagctggga ctacaggwgt gtatcaccac acccagctaa 60
 tttttgtatt tttagtacag atgggggttt aacatgttgg ccaggctggt ctcgaactcc 120
 tgacctcaaa taatccacc a 141

<210> 36637
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 36637
 cgataatgtc atctcccaag ttggatggca gcacgatctg gccctagggc agcttcctgt 60
 tcccagaagt cattgtcctg ggctatccag atgtccctag taaatcttgc ttccttctgc 120
 aatgttagta atgccttaag ctgacagttg ctattttgca gaacagtttt cctctttgct 180
 tagca 185

<210> 36638
 <211> 89
 <212> DNA
 <213> Homo sapiens

<400> 36638
 caacatctgg ttgwtttgtg gattgaatgm aatgatatgt gamgttawta gcatcgtgcc 60
 tgttacatat acatgtgcag thaataaga 89

<210> 36639
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 36639

tcgaaagtgt cgcacaaac tctctggcta tgcattgggtc actgcctgct ctcacatctt 60
 ctgtgatcag catggcagtg gtacatcagg aacgtctcta tcaagaatac aatttcagcn 120
 amggctravg grcmatctga aacagawrga gaagatatad actcagcaaa taaaaagcaa 180
 ggatgg 186

<210> 36640
 <211> 441
 <212> DNA
 <213> Homo sapiens

<400> 36640
 caggaaacaa caagtgcctgg agaggatgtg gagaaatagg aacactctta cactgttggt 60
 gggactgtaa actagttcaa ccattgtgga agacagcgtg gtgattcctc aaggatctag 120
 gaatagaaat accatttgac ccagccatcc cattactcgg tatataccca aaggattata 180
 aatcatgctg ctataaagac acatgcacac atatgtttat tgaggcatca ttcacaatat 240
 caaagacntg gaacgaaccc aaatgtccat caatgataga ctagattaag aaaatgtggc 300
 acatatacac catggaatac tatgtagcca taaaaaaagg atgagttcat gtcctttgta 360
 aggacatgta tgaagctgga aaccatcatt ctgagcaaac tgtcgcaaga acagvaaacc 420
 aaacaccgca tgttctcact c 441

<210> 36641
 <211> 76
 <212> DNA
 <213> Homo sapiens

<400> 36641
 tagaaagagt gacatctttt tgatatttag agtctcccaa atttacatag tgagagtacc 60
 cayacctttt gaatgt 76

<210> 36642
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 36642
 ggggtgtaatt cctgactcca gcatgtacat gccgtggggc tgtgggtccc casatctctc 60
 atgctgccct gasaattmtt ttgggttgct tattaggtgc taaccctct 109

<210> 36643
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 36643
 tatgtttttt gtagagataa ggtttcacca tgttgccag ggtggtcttg aactcctggg 60
 ctcaagcgat ctgccacct tggcctccca aagtgctagg attg 104

<210> 36644
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 36644
 ccctctgtct catctcctcc acttgatga tgctctagcc tctgtcaggg actgtccct 60

ccaaacttgc ttccgtgggc tgccctcctag ttgaatctca gccctgagtg tccagatctg 120
 gccaaaggthg tctaggrwg gcmcacgggg rtgctggaat tggcactwca gggccagsmt 180
 atgcktgga ctggcctgag ggtatkktaa agaaaaaac tacataaaag gcctaaaagt 240
 aagac 245

<210> 36645
 <211> 263
 <212> DNA
 <213> Homo sapiens

<400> 36645
 caatgatata tttctttatt ttcacataca ctctagctaa aagagcaaga gtacacatca 60
 acaaaaaatg gaaacaaggc tttggctgaa aaaaacatgc atttgacaaa tcatgttact 120
 agctagacaa gaagaaagtt agctttgtaa acttctactt catttgattc agagaaacag 180
 agcatgagtt ttcttagaag taacaagaaa aggaacaaaa aaaaatgagg tttgaaatct 240
 tttaccatgg caaaacatta aca 263

<210> 36646
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 36646
 catacaattt ccaaaataaa ttctgtactc aggttggtat atgattttct gagctgaata 60
 agttcaggag cagattatta agatctgcca ttctgaaacg ctggtctttt tctccttctt 120
 atagtggcca mccaatag 138

<210> 36647
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 36647
 tgatgaagaa ttggcccagg gtgacggggc tgaccgggag ctgagaagcc gtcagggtca 60
 gtctctgggg cccagagcag gccgatcgag agactcgggg agagcgggcc tcaccacctg 120
 gaagtgagtc ccacctggac cttatcaaaa ctactcactc cacctgggcc cctgctgaag 180
 ccctattttg aaatttcck kttgtagagc ttttttcctt tcctwargcc ctgtaaataa 240
 atgaagcac aa 252

<210> 36648
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 36648
 ggggtcgagg attggaggtt tccggttggg aaagcccctt ggaggctaac tggggaggac 60
 tggaagaaat ctaggatgga gccagcactg ctggcccaac atgtctgtga gagaacctaa 120
 aggcgcctcc aggaggaagc gtctgcatct tttccttgtt tttttttttt tttttttt 178

<210> 36649
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 36649
 aaaaatggga ctaaggcaaa tgtctattat aagagatagg ataaaaaatt tagtgcatat 60
 tcatatattg aaataatatt gtcaattaaa aaataaaaact gatccacatg tgtggaaaat 120
 aaaatttatt tccaattta atttgttgaa atttttcaaa gactcacaat ggtgtgcagg 180
 tgaatgccct tttttaataa ggaaagatgc atatatgtac atatgtttgt atgtgcagaa 240
 gtagactggc tc 252

<210> 36650
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 36650
 agcacttttag gaggccgacg tgaggcaggc ggatcactta gggtcaggag tttgacacca 60
 gcctggccaa cctggtaaaa ccccatctct attgaaaaca cgaaaattag ccaggcgtgg 120
 tggtagagtgc ctgtgatccc agcat 145

<210> 36651
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 36651
 tgtgtgtgtg tgtgtgtgtg tgtatgttca tgtacacttg gctgtcaggc tttctgtgca 60
 tgtactaama aaggagaaat tataataaat tagccgtctt gcggccccta ggccasa 117

<210> 36652
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 36652
 atagtttggt ttaaagttag aatttagtgt acaaaataag gtaaaaatga cttattaagt 60
 agacaggcct actaacataa tctgtaccag aagagagaaa acaaggaaaa gaagcctcac 120
 atttgtgggt atgatattta tgctggacac atgggcacc 159

<210> 36653
 <211> 54
 <212> DNA
 <213> Homo sapiens

<400> 36653
 taatattatg ttcatatgct gtcctgtgca atttcttttt tttttttttt tttt 54

<210> 36654
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 36654
 ttagtaagaa atgttcagca aagagctcat ttaggtgta tgactcacct tctgtagcca 60
 gttctccctc tttttttttt aagctagtgg ttattcccca gacagagaga atcctgcctc 120
 acctttgatc gtttccttga acaacatctc aactttgcac taatcctttt atctccatct 180
 ttttaactcta ttaaataagag ttaaaaagggt gtgagctacc ttttttctaa ccacagggca 240

ttt 243

<210> 36655
<211> 271
<212> DNA
<213> Homo sapiens

<400> 36655
tacatttttg atgtatgaaa gaaaacttga ccatttgaag atatatgaat aaagaaatgt 60
actatagata ctacttttagg aaaacactgt ttggtaagtg ttccagtctg atatttttaag 120
tgtgtacttc ctatacttgt ataaaaatct ttgatgtttg caacaatact gtgatttttt 180
taagtggatt tcttttgcaa gtgaacatga tcattgaaag ttgatatggc agtttccagg 240
aaataaatgc attctttgta gaatgggggt g 271

<210> 36656
<211> 267
<212> DNA
<213> Homo sapiens

<400> 36656
tattttttat tgtatcttat ttcttctttt ttggggtagg gtcttcctct gttgccaggg 60
ctggagtaca gtggtgtgat catagctcac tgcagacttg acctcctggg tggggagtgg 120
tggtgtgcac cagtgggtccc agctactcag gaggctgaag cagagggacc cccccagccc 180
gggagggcgt ccagaacacc ccagcttggg tgacagagtg agaatctttc tcaaaaaata 240
aataagtaaa taaagttgct tgggaat 267

<210> 36657
<211> 350
<212> DNA
<213> Homo sapiens

<400> 36657
gggatagttt aaaaatgatg gtagggctag agatggaatc catgattgag gaggactgta 60
gattttactt aactatattc tttcttttta atttattttt attttatttt attttttttg 120
agacgarbyc gctctgtctc ccaggctgga gtgcagtggc gccatgccgt ctactgcaa 180
cctccgcatt ccagattcaa gtgattcttc tgcctcagcc tcccaggtag ctggggctac 240
aggcgccggc gccaccacgc ccggctaatt tttgtatttt tagtagagac gaagtttcac 300
catgttagtc aggtgtgtct cgaactcctg accttggatc cgccctccct 350

<210> 36658
<211> 178
<212> DNA
<213> Homo sapiens

<400> 36658
tacagagttc atatggaagt agaggagaaa caggtctaatt ttgggtgtga tgccctgtat 60
tagtctgttt tcatgctgct aataaagaca taccgaagcc taggtaattt ataaaganna 120
agaggtttaa tggactcaca gttccacgtg gctggggagg cttcacaatc atggtgga 178

<210> 36659
<211> 52
<212> DNA
<213> Homo sapiens

<400> 36659
 aaaacaagaa tggcaagatg aaagtataaa ctaaaaatat ttttggaagt tt 52

<210> 36660
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 36660
 ctttaaaaaa accaattgag gaatgtgttt caagtgttct ataatgaaac acttgctttt 60
 tattctgtgg ctcaataa aaggcttttag tgttttaggt tgtgtttagt aatgtgcaac 120
 tcagatttgt ttgatgaaa gatggtttat ggcttgcaa tagcaccctg aataaagttt 180
 ctttgragca attccttcac ttgtccctga cc 212

<210> 36661
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 36661
 ccttttggtt gataaaaatc tgcatataag tggaccagct cagttaaaac ctcaagagtc 60
 aactgtatat ttatttctgt ttctgtctat atatattgaa aaccacaagt tcactttggt 120
 acttccaatt cttttttttt tttttt 146

<210> 36662
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 36662
 ccatttgaaa tttagmtgaa gttatactat tagaaaacta caacttaaca gacacagcag 60
 aaaatagaaa atctgaatag tcctattaaa catgatacctt agtggaaaga gctaccact 120
 agttttgaag tcttt 135

<210> 36663
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 36663
 atagtttctg tacttttagca gaacaggaag gatatttggt cattaaaggt ggcttggtct 60
 tacagctggg tgcagtggta tatacctgta gtcccagcta ctcaggaagc tgaggtgaga 120
 ggatctctag aggccmaga 139

<210> 36664
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 36664
 cggcattaca ttccatccag cctgggcgac aagagcaaaa tkccatctcg aaaaatcacc 60
 aggkacatac ctctcaagtt tgataagtcc atcttttgag ttttctttta gctctttcaa 120
 aagattacga ggggscg 137

1991-1992

```
<210> 36666
<211> 115
<212> DNA
<213> Homo sapiens
```

```
<210> 36667
<211> 116
<212> DNA
<213> Homo sapiens
```

```
<210> 36668
<211> 225
<212> DNA
<213> Homo sapiens
```

```
<210> 36669
<211> 356
<212> DNA
<213> Homo sapiens
```

<210>	36670
<211>	135
<212>	DNA

<213> Homo sapiens

<400> 36670

ttttttggaa	cttgtgtagt	tttcattagt	gtttggatga	aatttggtat	acttgaaagc	60
tatgtattta	attgttttat	acaatagttg	gaaagtgata	ttgccccctt	gtggctactt	120
acaccaytgg	cacgg					135

<210> 36671

<211> 428

<212> DNA

<213> Homo sapiens

<400> 36671

gagcccaaag	cacttggtg	ccctgcgtgt	cactcatctc	cctttgcctc	ccagctggag	60
tccctggatg	ccctagagcc	tgaggagaag	gctgaggact	gctgggagct	acagatcagc	120
ccggaagmya	ctggctcatg	ggcgccaaaa	aatactggat	ctgctgaacg	aaggctcagc	180
ccgagatctc	cgagctcttc	agcgattgg	cccgaagaag	gcccagctaa	tcgtgggctg	240
gcgggagctc	cacggcccc	wnagccaggt	ggaggacctg	gaacgcgtgg	agggcataac	300
ggggaaacag	atggagtcct	tcctgaaggc	aaacatcctg	ggctctgccg	ccggccaagc	360
gctgtggmgc	tcctgaccgt	cgtctcctca	mgtccgnatt	ttcaaatttt	tgtatacccc	420
cgtgttgt						428

<210> 36672

<211> 109

<212> DNA

<213> Homo sapiens

<400> 36672

agatggtgtc	ccaggactgc	aagtaactgc	gtacatccac	acagcgcatt	acaccaacct	60
gagaagaatc	cttgcgtgac	cggattgttt	ctgaacctgc	caagcccac		109

<210> 36673

<211> 239

<212> DNA

<213> Homo sapiens

<400> 36673

ctgcgcgagg	gcgagacgaa	ggccgtgaag	acgggtccgca	cccccggggc	cgcggcgaac	60
ctcgagctga	tcttcgtggg	gccccagcac	gccggcaact	acaggtghcg	ctaccgctcc	120
tgggtgcccc	acaccttcga	atcgagctc	agcgavcctg	tggagctcct	ggtggcagaa	180
agctgatgca	gccgcggggc	caggggtgctg	tkgggtgtcct	cagaagtgcc	ggggattct	239

<210> 36674

<211> 361

<212> DNA

<213> Homo sapiens

<400> 36674

tttttgttct	tagtctgtta	gtggctgtcc	tgtagtggga	aatagtaaaa	ggattcttca	60
ctcccttctc	ccctcagcac	cttcttcaag	taaacatttc	ttgtgtgctt	tgaaaaaagt	120
ttcagcttgc	tgtctctttt	agtgttttaa	agaagtgtta	tacaaagcat	tgtttgcaaa	180
atatagggag	ataatggagt	ccactttaat	ttggaattct	gtgtgagcta	tgatccaagt	240
tatcagctct	ttccaacttt	aaaaattttg	ttaaaaagcac	cttgcttaga	aaattttaaa	300
trtttatgtc	tgcaacaatt	gtctcaaaat	aataaactgt	gcaattcttg	tcattaaaaa	360

a 361

<210> 36675
<211> 123
<212> DNA
<213> Homo sapiens

<400> 36675
tagtagtgaa ggggywtwac catgtwgggc aggctggctct tgaactcctg acctcaggtg 60
atctgcccgc ctcagcctcc cacagtgtctg ggattacagg tatgagccac cacgcccggg 120
cca 123

<210> 36676
<211> 168
<212> DNA
<213> Homo sapiens

<400> 36676
tattgcagca tacctgagtt gtttcatttt twaatttttg accaatttgg gtttgtttgg 60
ggtggatccg ggacagagaa gggagaaacc ctgagggcaa catggagagc cccagggaga 120
cgcgcacccc atgacttgct tytatttgcg ttccagtggc tcgctggr 168

<210> 36677
<211> 320
<212> DNA
<213> Homo sapiens

<400> 36677
ttccttcttg atgagagggg cgtacacaca tgctgtgata tttatttgcg attctctgag 60
gtgggagatg gttcttgagc ctaaagctgg aaaattccta caatgcataa gtttaaaata 120
gctcttaata ttttctctga aaatgttttt atttgaawgt attatttttg cttttctaag 180
caaaaaataac tgactgaatt gcctaggaaa gaaaagctcc agattcagat cccaggtctg 240
tggtaaaaat catcttttcc agttattttt ttctgtgtac tgtattttaa tctactttaa 300
gaattgttgt cagagcccct 320

<210> 36678
<211> 238
<212> DNA
<213> Homo sapiens

<400> 36678
ctttttgagg cagctaccag aaggggagcac caagcagatg cagctcccct tccctcccat 60
tccamcatcc aaytgycctc agmaagamcc tgcggraggg tggcccaatg gggagaaaac 120
taaggattcg gtgttgggac cactcctgcc ctgacctgcc ctgtgactcc gtcatactct 180
ccaaaggcca gaccctccta gaccagctgg aaccaccatc aagatgtccc cagcccat 238

<210> 36679
<211> 211
<212> DNA
<213> Homo sapiens

<400> 36679
tacttgtttt tagacatttc tcttggaag ttgtgcatct gacaggaata tagtactgta 60
cgatatgagg caagctactc ctttgaaaaa qtttatctta qatatgaqaa caaatacaat 120

ctgttggaac cctatggaaa gctttcattt ttacagcagc aaatgaagat tataacttat 180
 atacttttga tatgcgtgca ctggacaccc c 211

<210> 36680
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 36680
 gaacaaataa taagtctcca tatgttcatg tatgcttgta tgtatttgta tgaacataga 60
 aaaagataga agtatatata ccagttaaca actgttactt ttctgggtgga gtgggaatgc 120
 mavdaatcad taaatttbwa tatwtawgga amatctacat cataacaatc ttttgaattt 180
 agagaacact gmataatttg aactgggcta tgtaaggcta aagaaatctg ataatgacag 240
 caca 244

<210> 36681
 <211> 68
 <212> DNA
 <213> Homo sapiens

<400> 36681
 atcccgtgct gaccggcgct ccccggggca ggtggctgca tagtcttggc ggaggtgacc 60
 aaagcmaac 68

004220.06680